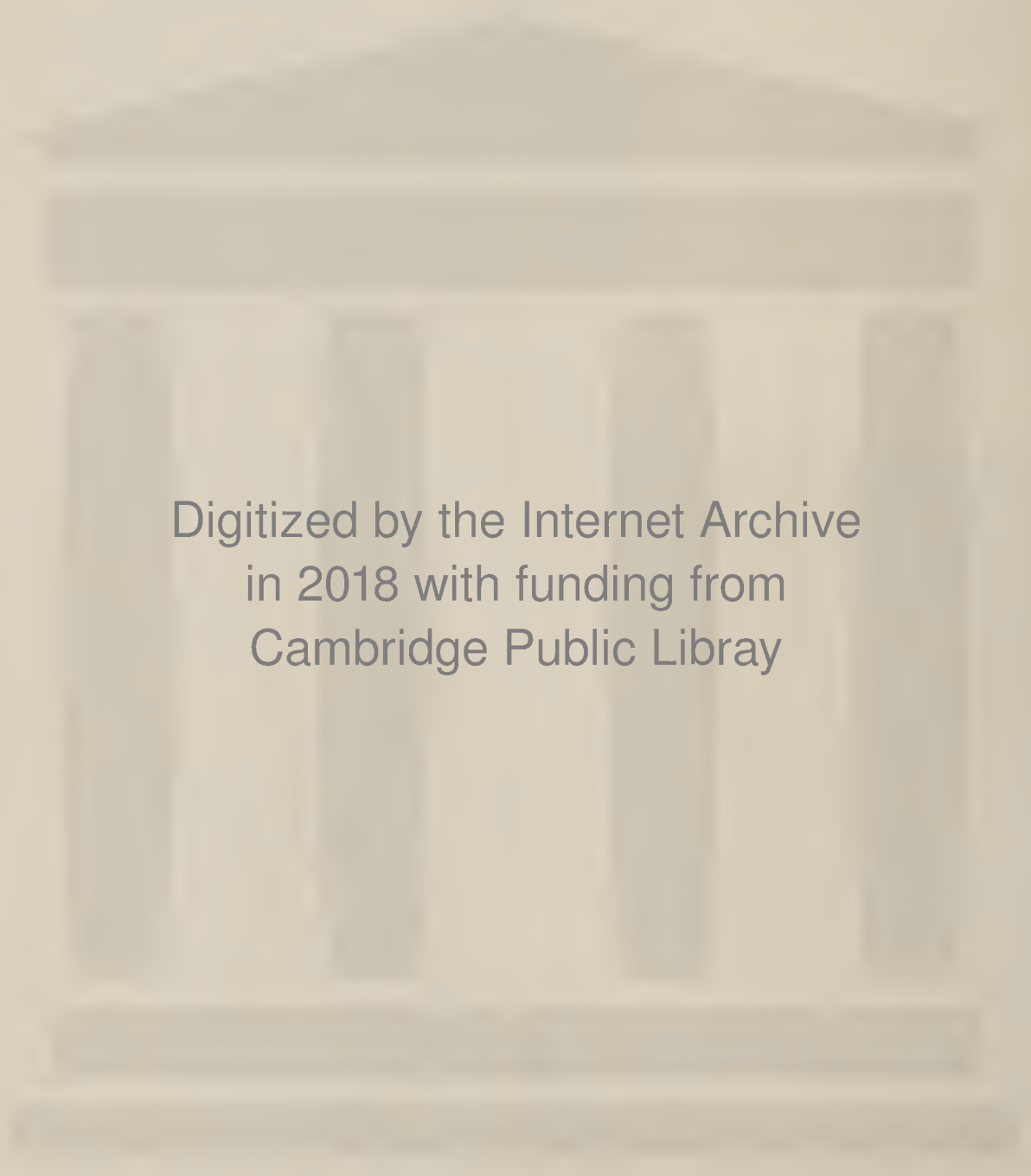
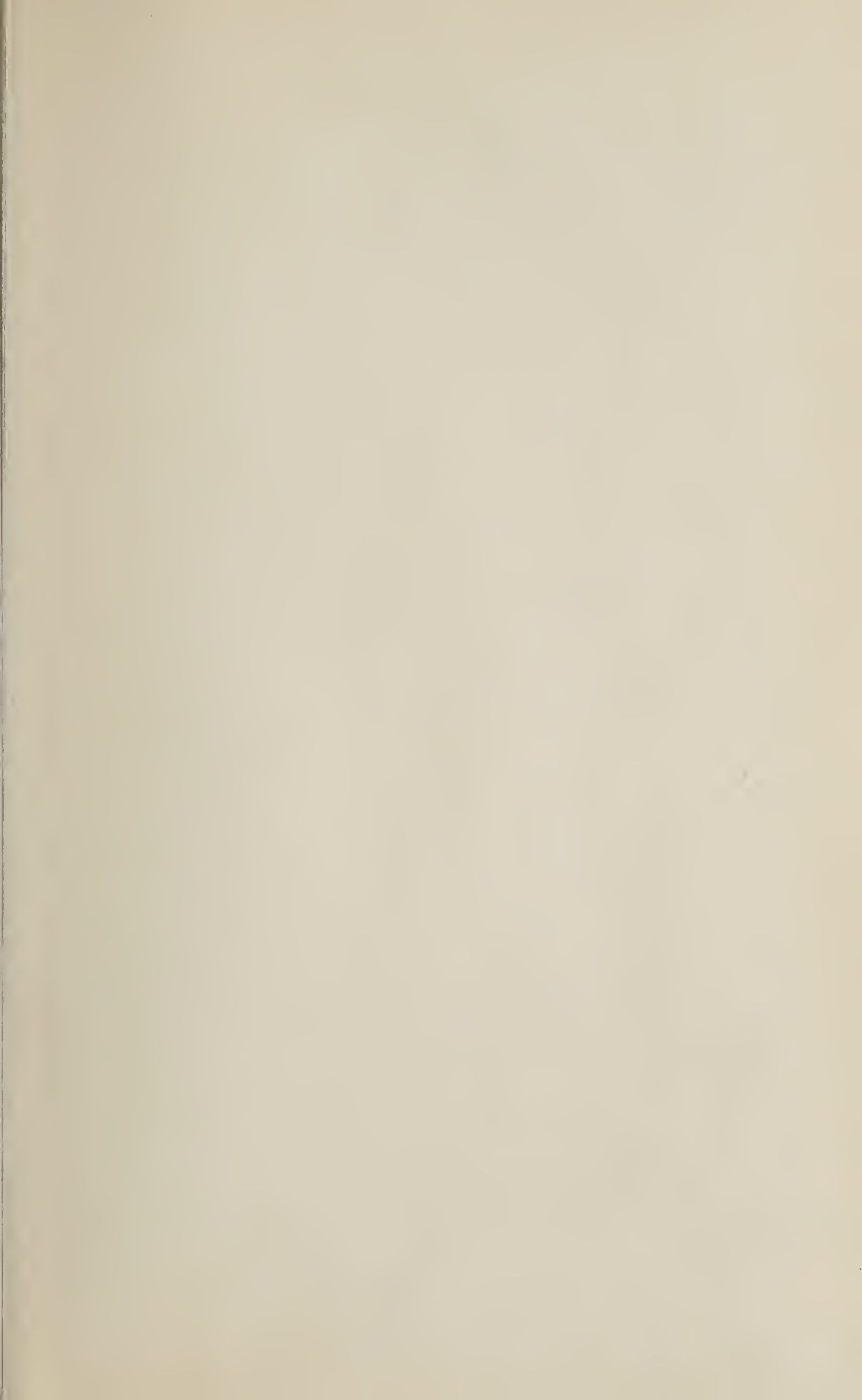
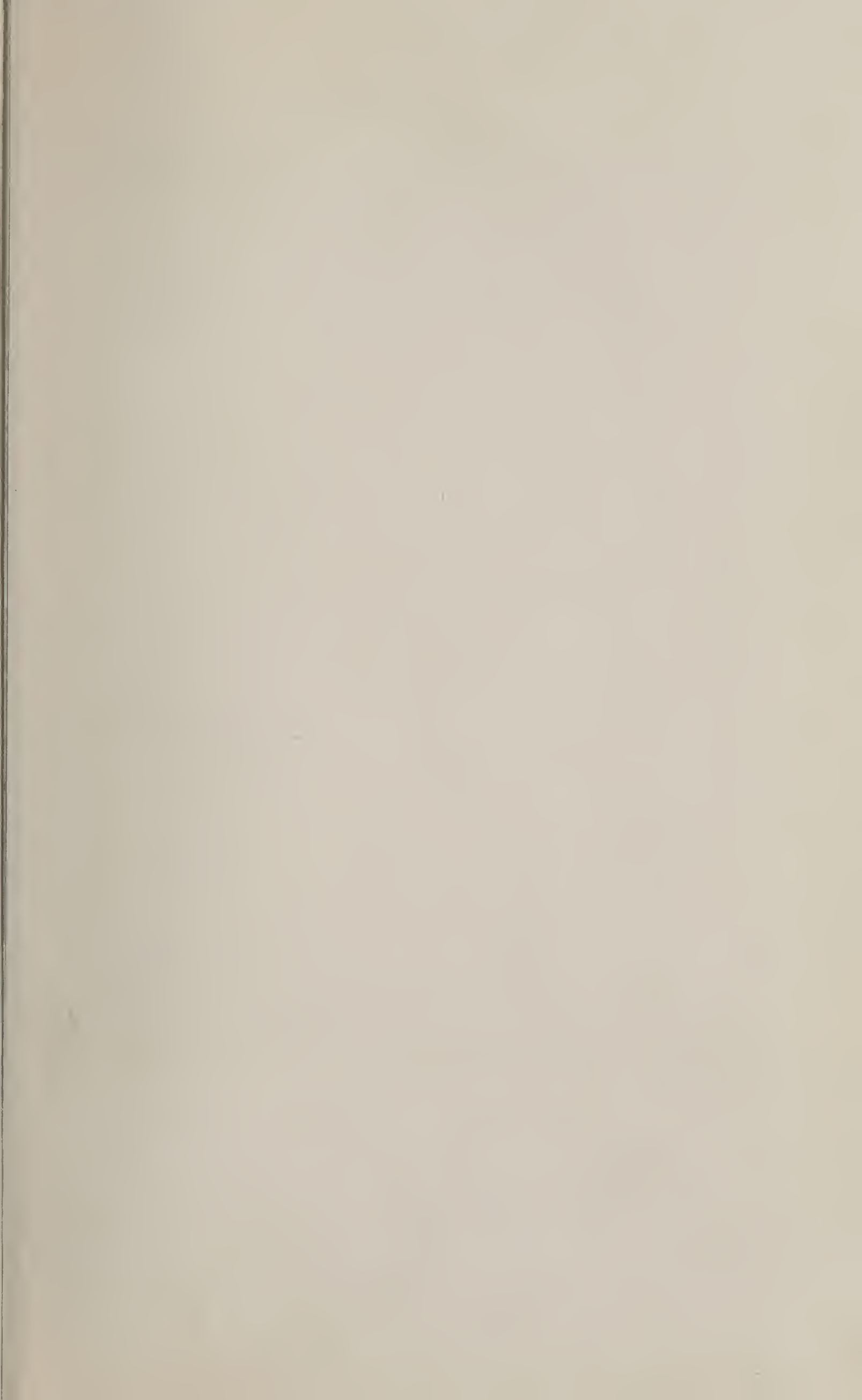


138



Digitized by the Internet Archive
in 2018 with funding from
Cambridge Public Libray







HON. JOHN W. LYONS
MAYOR

CITY OF CAMBRIDGE

MASSACHUSETTS

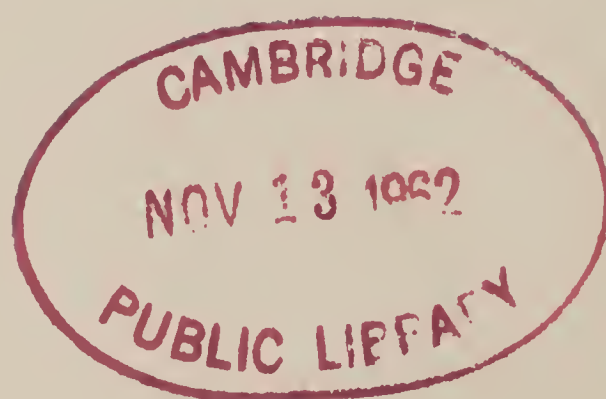
352
C14
1940
*#

THE ANNUAL REPORTS

Made to the City Council
for the Year Ending December 31, 1940



PUBLISHED BY ORDER OF THE CITY COUNCIL
UNDER THE DIRECTION OF THE CITY CLERK



CONTENTS

	<i>Page</i>
Municipal Register	5
Inaugural Address of Mayor	25
Report of City Auditor	33
Report of City Treasurer	129
Commissioner of Sinking Funds	163
Report of Retirement Board	171
Report of Board of Assessors	189
Report of City Engineer	192
Report of Bridge Commissioner	202
Report of Superintendent of Streets	203
Report of Board of Park Commissioners	212
General Superintendent of Parks	213
Superintendent of Recreation	222
Report of Police Department	229
Report of Cemetery Superintendent	242
Report of Sealer of Weights and Measures	244
Report of Fire Department	247
Report of City Missionary	258
Report of Superintendent of Buildings	259
Report of Electrical Department	263
Report of Planning Board	268
Report of Board of Appeal	269
Report of Board of Public Welfare	271
City Physician	275
Superintendent of City Home	277
Report of City Hospital	285
Ordinances	315

APPENDICES

Election Commissioners
 Water Board
 Board of Health
 Public Library Trustees
 School Committee

MAYORS OF THE CITY OF CAMBRIDGE, 1846-1940

James D. Green.....	May,	1846, to April,	1848
Sydney Willard.....	April,	1848, to April,	1851
George Stevens.....	April,	1851, to April,	1853
James D. Green.....	April,	1853, to April,	1854
*Abraham Edwards.....	April,	1854, to January,	1855
Zebina L. Raymond.....	January,	1855, to January,	1856
John Sargent.....	January,	1856, to January,	1860
†James D. Green.....	January,	1860, to July 24,	1861
§Charles Theodore Russell....	July 31,	1861, to January,	1863
George C. Richardson.....	January,	1863, to January,	1864
Zebina L. Raymond.....	January,	1864, to January,	1865
J. Warren Merrill.....	January,	1865, to January,	1867
Ezra Parmenter.....	January,	1867, to January,	1868
Charles H. Saunders.....	January,	1868, to January,	1870
Hamlin R. Harding.....	January,	1870, to January,	1872
Henry O. Houghton.....	January,	1872, to January,	1873
Isaac Bradford.....	January,	1873, to January,	1877
Frank A. Allen.....	January,	1877, to January,	1878
Samuel L. Montague.....	January,	1878, to January,	1880
James M. W. Hall.....	January,	1880, to January,	1881
James A. Fox.....	January,	1881, to January,	1885
William E. Russell.....	January,	1885, to January,	1889
Henry H. Gilmore.....	January,	1889, to January,	1891
Alpheus B. Alger.....	January,	1891, to January,	1893
William A. Bancroft.....	January,	1893, to January,	1897
Alvin F. Sortwell.....	January,	1897, to January,	1899
Edgar R. Champlin.....	January,	1899, to January,	1901
David T. Dickinson.....	January,	1901, to January,	1902
John H. H. McNamee.....	January,	1902, to January,	1904
Augustine J. Daly.....	January,	1904, to January,	1906
Charles H. Thurston.....	January,	1906, to January,	1907
Walter C. Wardwell.....	January,	1907, to April,	1909
William F. Brooks.....	April,	1909, to April,	1911
J. Edward Barry.....	April,	1911, to April,	1914
Timothy W. Good.....	April,	1914, to Dec.	1915
Wendell D. Rockwood.....	January,	1916, to January,	1918
Edward W. Quinn.....	January,	1918, to January,	1930
Richard M. Russell..	January,	1930, to January,	1936
John D. Lynch.....	January,	1936, to January,	1938
John W. Lyons.....	January,	1938, to January,	1940

* Municipal year changed.

† Resigned.

§ First elected by the City Council.

PRESIDENTS OF THE BOARD OF ALDERMEN

1888	*Edward W. Hincks	1903	*†John W. Coveney
1889	*John H. Corcoran	1903	Timothy W. Good
1890	*Alvin F. Sortwell	1904	*†John W. Coveney
1891	*William A. Bancroft	1905	*J. Edward Barry
1892	*William A. Bancroft	1906	*Charles H. Lake
1893	*John F. Fairbairn	1907	*Charles H. Lake
1894	*John G. Thorogood	1908	*Edward B. James
1895	*John F. Fairbairn	1909	*Edward B. James
1896	*John F. Fairbairn	1910	*Edward B. James
1897	*Russell Bradford	1911	James T. Barrett
1898	*Russell Bradford	1912	James T. Barrett
1899	*Walter C. Wardwell	1913	Peter J. Nelligan
1900	*Walter C. Wardwell	1914	Peter J. Nelligan
1901	George E. Saunders	1915	Peter J. Nelligan
1902	*James F. Aylward		

*Deceased.

† John W. Coveney resigned March 10, 1903, and Timothy W. Good elected to the vacancy.

PRESIDENTS OF THE CITY COUNCIL

1916	*Edward J. Dunphy	1928	Timothy F. Murphy
1917	*Edward J. Dunphy	1929	Timothy F. Murphy
1918	*Dr. John P. Good	1930	Joseph M. Stokes
1919	James T. Barrett	1931	Jeremiah J. O'Connor
1920	James T. Barrett	1932	Timothy F. Murphy
1921	James T. Barrett	1933	John J. Foley
1922	James T. Barrett	1934	John J. Foley
1923	James T. Barrett	1935	John W. Lyons
1924	James T. Barrett	1936	Thomas F. Gibson
1925	*John J. McCarthy	1937	Thomas M. McNamara
1926	*John J. McCarthy	1938	Thomas M. McNamara
1926	Timothy F. Murphy	1939	Thomas M. McNamara
1927	Timothy F. Murphy	1940	Francis L. Sennott

*Deceased.

PRESIDENTS OF THE COMMON COUNCIL

1846 *Isaac Livermore	1873 *Alvaro Blodgett
1847 *John Sargent	Resigned June 17
1848 *John C. Dodge	1873 *Francis H. Whitman
1849 *Samuel P. Heywood	Elected June 17
1850 *Samuel P. Heywood	1874 *George F. Piper
1851 *John S. Ladd	1875 *George F. Piper
1852 *John Sargent	1876 *Frank A. Allen
1853 *John Sargent	1877 *Perez G. Porter
1854 *John C. Dodge	1878 *George S. Saunders
1855 *Alanson Bigelow	1879 *George S. Saunders
1856 *Ezra Ripley. Resigned	1880 *Charles Walker
January 31	1881 *Charles Walker
1856 *George S. Saunders	1882 *George H. Howard
Elected January 31	1883 *George H. Howard
1857 *George S. Saunders	1884 *George H. Howard
1858 *James C. Fisk	1885 *Cornelius G. H. Bennink
1859 *James C. Fisk	1886 *John H. Corcoran
1860 *Hamlin R. Harding	1887 *John H. Corcoran
1861 *Hamlin R. Harding	1888 *Alvin F. Sortwell
1862 *Jared Shepard	1889 *Edward A. Bingham
Resigned September 17	1890 *Edward A. Bingham
1862 *Knowlton S. Chaffee	1891 *Edward C. Wheeler
Elected September 24	1892 Herbert A. Chase
1863 *George S. Saunders	1893 *J. Henry Russell
1864 *George S. Saunders	1894 Charles M. Conant
1865 *John S. March	1895 *John L. Odiorne
1866 *John S. March	1896 *John L. Odiorne
1867 *Marshall T. Bigelow	1897 *Albert S. Apsey
1868 *Knowlton S. Chaffee	1898 George E. Saunders
Resigned February 4	1899 *William F. Brooks
1868 *Henry W. Muzzey	1900 John D. Merrill
Elected February 4	1901 John D. Merrill
1869 *Henry W. Muzzey	1902 *Thorndike Spalding
1870 *Joseph H. Converse	1903 Edward E. Clark
1871 *Joseph H. Converse	1904 *Harry N. Stearns
1872 *Alvaro Blodgett	1905 *George A. Giles

*Deceased

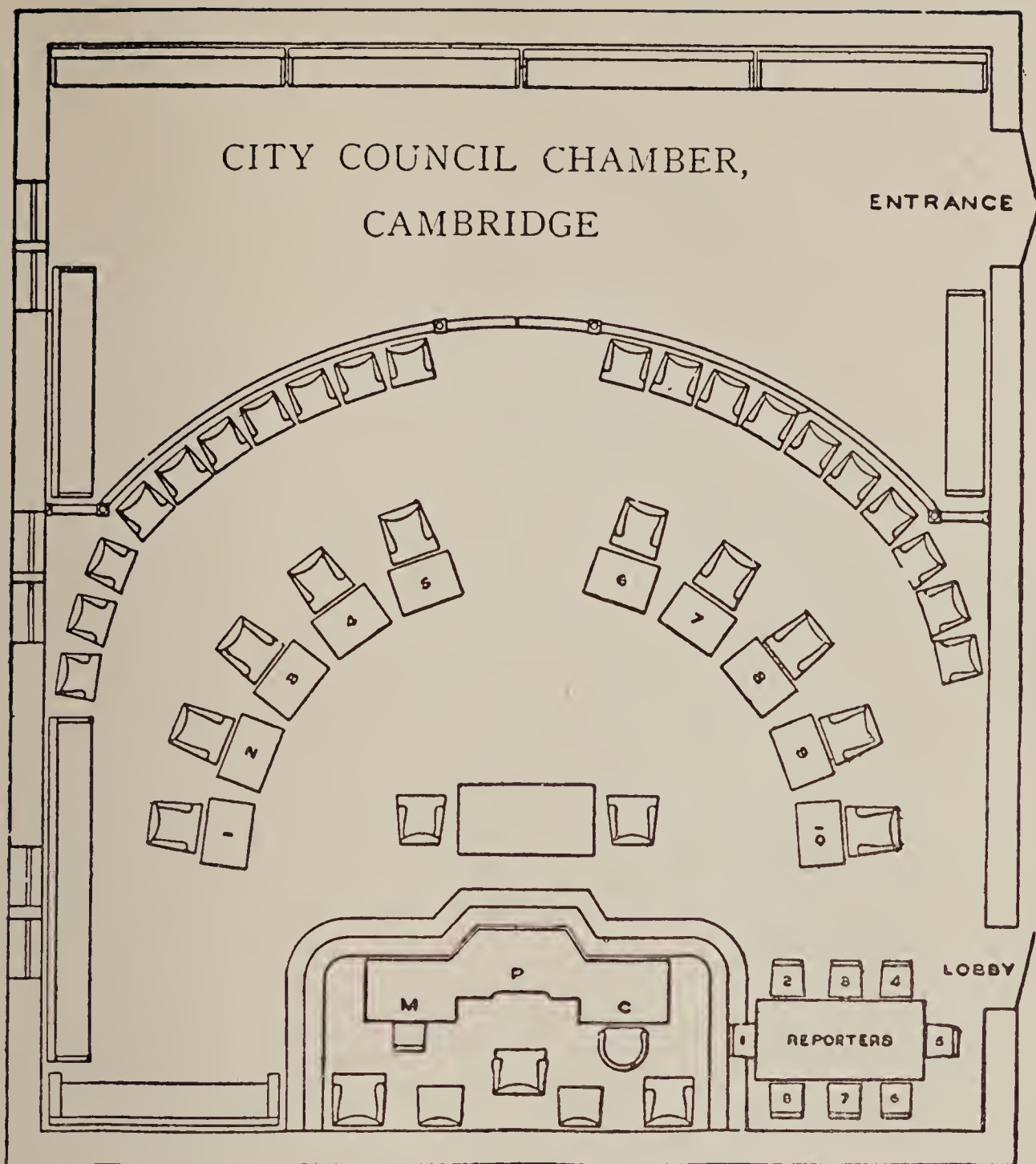
1906	*George A. Giles	1911	Frederick H. Burke
1907	*Henry C. Stetson	1912	Timothy J. Horan
1907	*†Robert W. Hunter	1913	*John H. Lynch
1908	Henry J. Winslow	1914	*Frank J. Lehan
1909	Jesse W. Moreland	1915	Arthur S. Browne
1910	Irving N. Linnell		

* Deceased.

† Elected to fill vacancy.

LEGAL HOLIDAYS

New Year's Day, January 1. Washington's Birthday, February 22. Patriot's Day, April 19. Memorial Day, May 30. Independence Day, July 4. Labor Day, September 2. Columbus Day, October 12. Armistice Day, November 11. Thanksgiving Day, November 28. Christmas Day, December 25.



KEY TO CITY COUNCIL CHAMBER Cambridge, 1940

P.— FRANCIS L. SENNOTT, President

- | | |
|---------------------------------|------------------------------|
| 1. Councillor Finn | 8. Councillor Crane |
| 2. Councillor Banks | 9. Councillor M. A. Sullivan |
| 3. Councillor Roche | 10. Councillor Pill |
| 4. Councillor Donovan | 11. Councillor Winslow |
| 5. Councillor Tierney | 12. Councillor Parker |
| 6. Councillor M. Walter Madigan | 13. Councillor McNamara |
| 7. Councillor Hogan | 14. Councillor Toomey |

Reporters

- | | |
|--|--------------------------------------|
| 1. L. D. Fuller, Cambridge Chronicle and Cambridge Sun | 4. Gordon Silver, Cambridge Tribune |
| 2. John J. McGillicuddy, Cambridge Sentinel | 5. Robert M. Smith, Boston Globe |
| 3. John R. Sennott, Jr., Cambridge Recorder | 6. Osborne F. Ingram, Boston Post |
| | 7. Emmanuel T. Mello, Boston Herald |
| | 8. Edward M. Martin, Boston American |

CITY GOVERNMENT

Mayor

JOHN W. LYONS

28 Ellsworth Avenue

Councillors

FRANCIS L. SENNOTT, *President*

JOSEPH M. BANKS, 32 Glenwood Avenue	Ward 5
EDWARD A. CRANE, 8 Centre Street	Ward 4
EDWARD H. DONOVAN, 151 Appleton Street	Ward 9
DANIEL E. FINN, 118 Berkshire Street	Ward 1
WILLIAM M. HOGAN, JR., 33 Grozier Road	At Large
M. WALTER MADIGAN, 72 Montgomery Street	Ward 11
THOMAS M. MCNAMARA, 271 Windsor Street	Ward 2
HAVEN PARKER, 98 Avon Hill Street	Ward 7
HYMAN PILL, 315 Harvard Street	At Large
FRANCIS J. ROCHE, 406 Broadway	At Large
FRANCIS L. SENNOTT, 5 Saint Mary Road	Ward 3
MICHAEL A. SULLIVAN, 15 Surrey Street	Ward 6
JOHN J. TIERNEY, 182 Richdale Avenue	Ward 10
JOHN J. TOOMEY, 395 Windsor Street	At Large
HENRY D. WINSLOW, 8 Longfellow Road	Ward 8

OFFICERS OF THE CITY COUNCIL

City Clerk

FREDERICK H. BURKE

Assistant City Clerk

ALBERT T. DOYLE

Clerk of Committees

DANIEL J. TOOMEY

City Messenger

A. FRANK MONTGOMERY

Regular meetings on Tuesday evenings, at 8 o'clock

DEPARTMENTS AND BOARDS

City Hall Telephone, Trowbridge 6800

EXECUTIVE DEPARTMENT

JOHN W. LYONS, *Mayor*

EDWARD A. COUNIHAN, *Mayor's Clerk*

EDNA M. BURKE, *Mayor's Secretary*

JAMES E. HARRINGTON, *Mayor's Assistant Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 17 and 18, City Hall

CITY CLERK'S DEPARTMENT

City Clerk — term, three years from first day of June

FREDERICK H. BURKE, *City Clerk*. Term expires June 1, 1941

ALBERT T. DOYLE, *Assistant City Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 8 and 9, City Hall

TREASURY DEPARTMENT

City Treasurer — term, one year from first day of June

ANDREW P. CARROLL, *City Treasurer and Collector of Taxes*

Term expires June 1, 1941

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 3 and 4, City Hall

AUDITING DEPARTMENT

City Auditor — term, three years from first day of June

JOHN J. MCKENZIE, *City Auditor*. Term expires June 1, 1942

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 1 and 2, City Hall

CLERK OF COMMITTEES DEPARTMENT

Clerk of Committees — term, one year from first day of June

BERNARD F. REAGAN, *Clerk of Committees*

Term expires June 1, 1941

FORREST L. GOULD, *Assistant*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 16, City Hall

CITY MESSENGER'S DEPARTMENT

City Messenger — term, one year from first day of June

A. FRANK MONTGOMERY, *City Messenger*

Term expires June 1, 1941

Office Hours: 8 a.m. to 4 p.m.

Office, Room 20, City Hall

LAW DEPARTMENT

RICHARD C. EVARTS, *City Solicitor*

JOSEPH A. DEGUGLIELMO, *Law Clerk*

J. HENRY SMITH, *Law Clerk*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 505, Central Square Building
678 Massachusetts Avenue, Cambridge

ENGINEERING DEPARTMENT

Term, one year from first day of May

G. FRANK HOOKER, *City Engineer*

Term expires May 1, 1941

THOMAS P. O'NEILL, *Superintendent of Sewers*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 30 and 31, City Hall

BUILDING DEPARTMENT

JOHN J. TERRY, *Superintendent of Public Buildings
and Inspector of Buildings*

LOUISE M. KELLEY, *Zoning Consultant and Counter Clerk*

JAMES B. MANSFIELD, *Building Inspector*

WILLIAM J. CUTTER, *Building Inspector*

JOHN F. BROGAN, *Inspector of Plumbing*

WILLIAM J. STANGER, *Inspector of Gas Fitting*

DANIEL F. OWENS, *Inspector of Elevators*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 28, City Hall

STREET DEPARTMENT

Term, one year from first day of May

JAMES F. MAHONEY, *Superintendent of Streets*

Term expires May 1, 1941

WILLIAM H. MULCAHY, *Accountant*

Office Hours: 8 a.m. to 4 p.m.

Office, City Yard, Hampshire Street

Telephone, Trowbridge 1366

HEALTH DEPARTMENT

Board of Health

Three Members. Term, three years from first Monday
in February

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

Term expired 1938

DAVID J. NELLIGAN

Term expires 1942

THOMAS H. HEATON, M.D.

Term expires 1943

SIMON B. KELLEHER, M.D., *Medical Inspector*

JOHN D. CROWLEY, *Clerk*

ROBERT E. BEMIS, Ph.C.

JOSEPH L. JOHNSON, *Inspector of Provisions*

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 25, 26 and 27, City Hall

POLICE DEPARTMENT

TIMOTHY F. LEAHY, *Chief*
 Telephone, Trowbridge 9800
 Office, Municipal Building, Central Square

FIRE DEPARTMENT

HERMAN E. GUTHEIM, *Chief*
 Telephone, Trowbridge 0125
 Office, Fire Department Headquarters, Junction Broadway,
 Cambridge and Quincy Streets

ASSESSORS' DEPARTMENT

JAMES J. CASEY, *Chairman* THOMAS F. GIBSON, *Secretary*
 Term, four years

THOMAS F. GIBSON	Term expires 1941
DANIEL F. O'BRIEN	Term expires 1941
JAMES J. CASEY	Term expires 1941

WILLIAM H. MCGINNESS, *Engineer*

RUTH E. MCGUIGAN, *Chief Clerk*

Office Hours: 8 a.m. to 4 p.m.
 Office, Rooms 21 and 22, City Hall

CITY ELECTRICAL DEPARTMENT

TIMOTHY C. O'HEARN, *City Electrician*

JAMES H. McALLISTER, *Assistant City Electrician*
 (Pensioned July 26, 1940)

Office Hours: 8 a.m. to 4 p.m.
 Office, Fire Department Headquarters
 Telephone, Trowbridge 0125

INSPECTOR OF ANIMALS DEPARTMENT

Term expires April 30, 1941

JOHN J. MURPHY, M.D.V.

Residence, 44 Sacramento Street Telephone, Kirkland 1033
 (No Office or Hours)

BRIDGE DEPARTMENT

JAMES F. MAHONEY, *Bridge Commissioner*

Office Hours: 8 a.m. to 4 p.m.

Office, City Yard, Hampshire Street

Telephone, Trowbridge 1366

SEALER OF WEIGHTS AND MEASURES DEPARTMENT

JOSEPH M. O'NEIL, *Sealer*JAMES J. LYNCH, *First Deputy Sealer*EDWARD W. BARKER and ANDERS T. ANDERSON, *Deputy Sealers*

Office Hours: Fridays, 8 a.m. to 4 p.m.

Saturdays, 8 a.m. to 12 noon

Office, Municipal Building, Central Square

Telephone, Kirkland 8848

CITY PHYSICIAN

Term, three years from first Monday in February

PATRICK J. FLEMING, M.D.

Term expires first Monday in February, 1943

Residence, 88 Sparks Street, Telephone Kirkland 0100

Office, Municipal Building, Central Square

Office Hours: Daily, 9 to 11 a.m.

Office Telephone, Trowbridge 9850

FENCE VIEWERS

G. FRANK HOOKER, *City Engineer*, City HallJOHN J. TERRY, *Superintendent of Public Buildings*, City Hall

CAMBRIDGE PLANNING BOARD

Five Members. Term, five years from first day of May

ARTHUR F. GRENIER, *Chairman*JOSEPH S. REZENDES, *Secretary*

JOHN F. FERRICK

Term expires 1941

ARTHUR F. GRENIER

Term expires 1942

JOSEPH S. REZENDES

Term expires 1943

GEORGE L. DOW

Term expires 1944

JOSEPH CLARKE

Term expires 1945

SCHOOL COMMITTEE

Mayor JOHN W. LYONS, *Chairman*JAMES F. FITZGERALD, *Vice-Chairman*

JOHN J. CARVER, 62 Fayerweather Street Term expires 1941

JAMES F. FITZGERALD, 117 Spring Street Term expires 1941

RUSSELL A. WOOD, 9 Whittier Street Term expires 1941

JAMES J. CASSIDY, D.M.D., 120 Appleton Street

Term expires 1943

WILLIAM F. GALGAY, 10 St. Paul Street

Term expires 1943

JOHN F. CARR, Jr., 68 Grozier Road

Term expires 1943

EDWARD J. O'CONNELL, *Secretary**Superintendent of Schools*

MICHAEL E. FITZGERALD

Assistant Superintendent of Schools

JOHN M. TOBIN

Executive Secretary

WILLIAM F. DONOVAN

Business Agent

CONSTANTINE J. CHURCH

Assistant to Business Agent

GERALD T. LISTON

Office Hours: 8 a.m. to 4 p.m.

Office, Rooms 14, 15 and 25, City Hall

CITY HOSPITAL DEPARTMENT

Trustees of Cambridge City Hospital

Five Members. Term, five years from first day of May

LAWRENCE C. FELONEY, *Chairman*

LAWRENCE C. FELONEY

Term expires 1941

JOHN J. CARVER

Term expires 1942

JOHN H. HURLEY

Term expires 1943

DANIEL A. LYNCH

Term expires 1944

THOMAS P. DILLON

Term expires 1945

CEMETERY DEPARTMENT

Superintendent of Cemetery Department

RALPH N. HAMILTON

Assistant Superintendent of Cemetery Department

GREGORY L. GALLAGHER

Office Hours: at Cemetery, 8 a.m. to 5 p.m.

Office at Cemetery on Coolidge Avenue

Telephone, Trowbridge 6818

*Person to Cause to be Properly Interred the Bodies
of Soldiers and Sailors*

EDWARD F. SULLIVAN

Office, Municipal Building, Central Square

PUBLIC LIBRARY DEPARTMENT

*Trustees of Cambridge Public Library*Seven Members. Term, three years from third Monday
in JanuaryJAMES F. FITZGERALD, *Chairman*

For the Municipal Year

JAMES F. FITZGERALD of School Committee

Citizens at Large Term, Three Years

JULIA T. BOYLE	Term expires 1941
RICHARD J. COSTELLO, D.M.D.	Term expires 1941
DANIEL A. BUCKLEY	Term expires 1942
ELEANOR L. DALY	Term expires 1942
ALMA M. BOUDREAU	Term expires 1943
HENRY J. MAHONEY	Term expires 1943

ELEANOR L. DALY, *Treasurer*ALMA M. BOUDREAU, *Secretary*

THOMAS J. SULLIVAN, *Librarian*

Library open: 9 a.m. to 9 p.m. Reading Room: 9 a.m. to 9 p.m.
Sunday, 2 to 9 p.m.

Office at Library Building, Broadway, Irving
and Trowbridge Streets
Telephone, Trowbridge 5005

WATER WORKS DEPARTMENT

Cambridge Water Board

Five Members. Term, five years from thirtieth day of June

President, GEORGE F. MCINNES

HENRY L. SKELLY	Term expires 1941
JOHN J. FOLEY	Term expires 1942
THOMAS H. O'HARA	Term expires 1943
GEORGE F. MCINNES	Term expires 1944
JOHN A. McDONALD	Term expires 1945

TIMOTHY W. GOOD, *Superintendent of Water Works*

Office Hours: 8 a.m. to 4 p.m.
Office, Rooms 5 and 6, City Hall

ELECTION COMMISSION

Four Members. Term, four years from first day of May

C. BRENDAN NOONAN, *Chairman*

HARRY A. PENNIMAN	Term expires 1937
C. BRENDAN NOONAN	Term expires 1942
N. RUSSELL CAZMAY	Term expires 1943
WILLIAM R. McMENIMEN	Term expires 1944

HARRY A. PENNIMAN, *Secretary*

Office, Municipal Building, Central Square
Telephone, Trowbridge 9828

PARK DEPARTMENT

Park Commissioners

Nine Members. Term, five years from first Monday in May

JOHN A. SPENCER, *Chairman*

JOHN J. McBRIDE	Term expires 1941
JOHN A. SPENCER	Term expires 1941
CARROLL W. DOTEN	Term expires 1942
JOSEPH H. GUINEY	Term expires 1942
MICHAEL SCANNELL	Term expires 1943
MRS. JESSIE W. BROOKS	Term expires 1944
JEREMIAH J. COUGHLAN	Term expires 1944
MAURICE CORKERY	Term expires 1945
SAMUEL W. PILL	Term expires 1945

STEPHEN H. MAHONEY

*General Superintendent of Parks and Superintendent of Recreation*ROSE E. MANNING, *Secretary*

Office Hours: 8 a.m. to 4 p.m.

Office, Room 33, City Hall

SINKING FUND DEPARTMENT

Commissioners of the Sinking Fund

Six Members. Term, three years from first Wednesday in May

WILLIAM H. REARDON, JR., *Chairman*

WILLIAM H. REARDON, JR.	Term expires 1941
LEO P. MORAN	Term expires 1941
JOSEPH M. MURPHY	Term expires 1942
ARTHUR M. WRIGHT	Term expires 1942
WILLIAM H. DAVIES	Term expires 1943
JOSEPH F. HIGGINS	Term expires 1943

FREDERICK J. SULLIVAN, *Secretary*ANDREW P. CARROLL, *Treasurer*

BOARD OF PUBLIC WELFARE

Three Commissioners

Term, three years from first Monday in May

THOMAS P. DILLON, *Chairman*

THOMAS P. DILLON

Term expires first Monday in May, 1941

PETER J. CAHILL

Term expires first Monday in May, 1942

B. FRANCIS SHIELDS

Term expires first Monday in May, 1943

JAMES E. FINNEGAN, *Secretary*

WILLIAM C. CONWAY, *Superintendent of Home for Aged and Infirm*

Office Hours at Municipal Building, Central Square

8 a.m. to 4 p.m.

Telephones: City Home, Trowbridge 5370

Office, Trowbridge 9850

BOARD OF APPEAL

Three Members. Term, three years from first day of March

Chairman, PARKER F. SOULE

WILLIAM L. GALVIN (Architect) Term expires 1941

JAMES J. WALSH (Attorney) Term expires 1942

PARKER F. SOULE (Master Builder) Term expires 1943

LOUISE M. KELLY, *Secretary*

BOARD OF LICENSE COMMISSIONERS

JOHN E. QUINN, *Chairman*

Term expires 1943. Term, three years from first day of April

HERMAN E. GUTHEIM, *Chief of Fire Department*

TIMOTHY F. LEAHY, *Chief of Police Department*

POLE AND CONDUIT COMMISSION

JOHN E. QUINN, *Chairman*

JAMES F. MAHONEY, *Superintendent of Streets*

TIMOTHY C. O'HEARN, *City Electrician*

AGENT MUNICIPAL EMPLOYMENT OFFICE

Term, one year beginning January 1

DANIEL L. HERLIHY

Term expires December 31, 1940

Office, Municipal Building, Central Square

PURCHASING AGENT

Term, two years from first day of April

WILLIAM D. HILLIS

Term expires April 1, 1940

BUDGET EXAMINER

Term, one year from first day of September

OWEN F. McCALL

Term expires September 1, 1940

RETIREMENT BOARD

(As provided by Chapter 318 of the Acts of 1936 as amended)

JOHN J. McKENZIE, *City Auditor*, for the time being

CONSTANTINE J. CHURCH (a member of the Retirement System)

Term expired December 31, 1935

V. GEORGE BADOIAN

Term expires January 1, 1942

CAMBRIDGE HOUSING AUTHORITY

Five Members. Term, five years

HENRY WISE, *Chairman*MICHAEL J. SULLIVAN, *Vice-Chairman**DANIEL F. BURNS, *Executive Director and Secretary ex-officio*

Central Office, 12 Norfolk Street, Telephone Trowbridge 3270

Newtowne Court Project Office, Telephone Kirkland 4260

HENRY WISE

Term expires October 22, 1941

LEO V. CORRIGAN

Term expires November 12, 1942

†JOHN H. CORCORAN

Term expires November 25, 1943

MICHAEL J. SULLIVAN

Term expires October 22, 1944

EDWARD J. DONAHUE

Term expires October 8, 1945

*Elected by Cambridge Housing Authority

†Appointed by State Board of Housing

CAMBRIDGE INDUSTRIAL COMMISSION

Three Members

FRANK H. TOWNSEND, *Chairman*OLMORE C. FRANCIS, *Secretary*

(See Chapter 393 of the Acts of 1913, Chapter 223 of the Special Acts of 1917 and Chapter 79 of the Special Acts of 1919)

Term, three years from April 1

(See ordinance passed to be ordained on March 3, 1936,
and approved on March 5, 1936 — No. 1562)JOHN V. W. LAWSON
OLMORE C. FRANCIS
FRANK H. TOWNSENDTerm expires April 1, 1941
Term expires April 1, 1942
Term expires April 1, 1943

CITY MISSIONARY

JOHN F. CAWLEY

CAMBRIDGE YOUTH COMMISSION

Fifteen Members. Term, three years from April 1

JOSEPH E. BANDZUL
BERNARD T. DUFFY
STEPHEN H. MAHONEY
SAMUEL BENNETT MANNOS
THOMAS J. MURPHY
REVEREND JOHN A. BUTLER
JOSEPH CASHMAN
CHARLES T. CAVANAUGH
MRS. WALTER F. R. HAIGH
BERTHA GOLDTHWAITE
INGOLF B. BOCKMAN
REV. DANIEL J. GOLDEN
MRS. LOUISE M. ATKINSON
RALPH W. ROBART
JOHN J. HAGERTYTerm expires April 1, 1941
Term expires April 1, 1941
Term expires April 1, 1941
Term expires April 1, 1941
Term expires April 1, 1941
Term expires April 1, 1942
Term expires April 1, 1942
Term expires April 1, 1942
Term expires April 1, 1942
Term expires April 1, 1942
Term expires April 1, 1943
Term expires April 1, 1943
Term expires April 1, 1943
Term expires April 1, 1943
Term expires April 1, 1943*Chairman*

RALPH W. ROBART

Secretary

JOSEPH V. OWENS

TRUSTEES OF THE BULLOCK FUND

Three Members. Term, three years beginning June 1

Mayor JOHN W. LYONS, *Chairman ex-officio*

WILLIAM P. BUNYON	Term expires May 31, 1941
KATHERINE W. BORN	Term expires May 31, 1942
ARTHUR G. MacKENZIE	Term expires May 31, 1943

AGENT FOR COMMITTEE ON SOLDIERS' AID

EDWARD F. SULLIVAN

TIMOTHY J. SULLIVAN, *Investigator*

Office Hours: 8 a.m. to 4 p.m.

Office, Municipal Building, Central Square

TRUSTEES OF THE DOWSE INSTITUTE

PROFESSOR JOSEPH H. BEALE, *President*

STOUGHTON BELL, *Secretary and Treasurer*

JOHN W. LYONS, *Mayor, ex-officio*

JEROME D. GREENE

FRANCIS L. SENNOTT, *President of City Council, ex-officio*

TRUSTEES OF THE SANDERS TEMPERANCE FUND

JOHN W. LYONS, *Mayor*

FRANCIS L. SENNOTT, *President of City Council*

FREDERICK H. BURKE, *City Clerk*

Ex-officiis

TRUSTEES OF THE BRIDGE CHARITABLE FUND

JOHN W. LYONS, *Mayor*

FRANCIS L. SENNOTT, *President of City Council*

THOMAS P. DILLON

Chairman of the Board of Public Welfare, ex-officiis

MAYOR'S INAUGURAL ADDRESS

Gentlemen of the City Council and Fellow Citizens:

On this occasion two years ago, I delivered to the legislative branch of our City Government my first message as Mayor of the City of Cambridge. Shorn of all oratorical adornment, this message contained in simple language my plan of action designed to meet directly the many problems which confronted us, the men upon whom was imposed the sacred obligation of administering the vital affairs of our municipality.

On this occasion of my second inauguration as Mayor of the City of Cambridge, I most happily welcome the opportunity of again presenting to the honorable City Council and my fellow citizens a straightforward account of the contributions which have been made for the betterment of our City during the past two years. Again I am pleased to be able to present a plan of action calculated to cope with the problems which face us today.

This recapitulation is not made for the purpose of seeking personal praise, though in all humility I am proud of the record of accomplishment of the past two years. It is offered solely to demonstrate that by recognizing the problems which confront us and by concerted and co-operative action on the part of elective officials much can be accomplished for the good of the City and its people.

The policy of co-operation between the executive and legislative branches of our City Government, an outstanding characteristic of the Administration of the past two years, resulted in the initiation and completion of a construction program which has filled long felt needs, provided work and wages, and greatly benefited the citizens of Cambridge.

In the field of public health, our City has at last taken its rightful place in the front ranks of municipalities which realize that public health is public wealth. Scandalous conditions which were permitted to prevail for years at the Cambridge Tuberculosis Sanatorium have been corrected. Within a few days one of the finest maternity hospitals in the country will be opened and every modern facility will be offered to the mothers of Cambridge.

An age old health menace from the public dump has been wiped out by the construction of a modern incinerator.

In the field of public education, much has been accomplished to make our public school system worthy of a municipality known throughout the world as an educational center. Over-crowded, insanitary and educationally inadequate school buildings have been demolished and they have been replaced by modern structures which will meet the needs of our children and our children's children. The public library system, an important adjunct to our public school system and a necessary service for all our citizens, has been extended and revitalized.

Recreational facilities have been greatly improved and made available to a far greater number of our youth than ever before. One new recreational center has already been completed and another is now under construction.

Municipal services in all branches of the City Government have been developed and made better. These contributions to the well-being of the citizens of Cambridge were made possible by the spirit of co-operation which existed between the executive and legislative branches of the City Government.

Although great strides have been made during the past two years, our task is not completed. There are problems facing us today — problems just as urgent as those of two years ago. The successful solution of these problems will depend largely upon a continuation of a co-operative relationship between all branches and departments of the City Government.

Confident that such a co-operative spirit will exist during the coming two years, I present the following proposals, firm in the conviction that they will result in making Cambridge a better community for the citizens of today and tomorrow.

WORKS PROGRESS ADMINISTRATION

It will be the policy of my Administration to co-operate to the fullest extent with the Works Progress Administration Agency of the United States Government.

This co-operative policy has been pursued during the past two years and will be followed during the next two years, because it provides a partial solution to the grave unemployment situation by offering work and wages for thousands of citizens, substantially

curbs welfare costs, and at the same time makes definite and permanent contributions to the City.

To this end the Administration has prepared a planned program of Works Progress Administration projects designed to provide work and wages and permanent public betterments.

WELFARE DEPARTMENT

Public welfare expenditures constitute one of the largest items in every municipal budget and, therefore, are a matter of grave concern. Every effort will be made to conduct this department economically and efficiently, but humanely. During the past two years no worthy family or individual suffered from the lack of the necessities of life. This policy will be continued.

PUBLIC EDUCATION

At last Cambridge has provided its excellent teaching personnel with educationally adequate school buildings. Our school children have been placed in a classroom environment which is most conducive to learning.

New additions to the Cambridge High and Latin School and the Webster Elementary School have corrected dangerous conditions which were condemned by State officials and educational authorities.

As a result of these improvements the public educational system of our City is now at a high level and it is our duty to see that a high standard of efficiency is maintained.

Closely allied to our public educational system is the public library system. As an instrument of learning and of recreation, it is an indispensable aid to the school children and it is likewise of great value to our adult population.

The progress which has been made during the past two years must be continued. I propose to make an adequate appropriation for the purchase of new books, because books are the life blood of any library system. In order to make the library system of greater value to the citizenry we must provide proper reading environment.

It is my hope that in the future, city owned branch library buildings may be provided for the North Cambridge, Observatory Hill and Magazine Street sections of the City.

The proper housing of branch libraries in these sections will

eliminate the necessity of forcing our children and our citizens to use for library purposes a store in a business block in the Observatory Hill section and a room in the Police Headquarters building in Central Square. In the North Cambridge district the branch library could be more centrally located and there is a possibility that such a unit could be included in a modern open-air school which is badly needed to replace a century-old structure.

The wisdom of this library expansion program is clearly shown by the results which followed the erection in East Cambridge of the first city-owned branch library building.

Since the dedication of the new building, the circulation in that library has steadily increased and the facilities of this branch are being used more and more each month.

Given the same advantages as are offered in the main library and the East Cambridge branch, the people in other sections of the City will eagerly seize the opportunities which should be afforded by a modern public library system.

PUBLIC RELATIONS

During the past two years we have witnessed the dawn of a new era of friendlier relationship between the City Government and the great educational institutions within our borders.

Definite contributions, financial and otherwise, have been made to the City and its people by these educational institutions as a result of the exceptionally fine work of a committee which I appointed for the purpose of promoting good will.

The Administration's policy of coöperation and friendly relationship with these institutions will be continued and I am confident it will result in mutual benefits. In the relationship between citizen and all public officials, courtesy and service must always characterize the actions of every public employee.

NEW DEVELOPMENT

We face the pressing problem of providing sufficient revenue so that the costs of necessary municipal services will rest as lightly as possible upon those who must bear these costs.

We must also face the fact that one-third of our developed area is tax exempt. So much tax exemption undeniably creates an economic problem whose only solution is the intensive development of idle property in Cambridge.

To this end, I propose to stimulate and encourage apartment home development and new industrial location within our City by a program intended to interest the American investment world in a community uniquely adapted for such development and expansion.

To remove all barriers to these developments, I intend after careful study to propose a modernization of our building and zoning codes.

The problem of Federal Housing within our City is a matter which must be given our most careful study and deliberation. A solution of this problem can be made only after a thorough consideration of the benefits which we can expect, as compared with the disadvantageous effects of placing additional housing projects in the tax exempt lists of a city already overburdened with tax exempt property.

RECREATION

During the past two years, as a result of Works Progress Administration projects and an adequate appropriation for the recreation departments, the youth of our City enjoyed greatly improved recreational facilities.

Parks and playgrounds in many sections of the City have been brought to a standard which once again makes the work of the department of recreation effective and worthwhile.

While much has been accomplished, there remains much that must be done, and will be done, because I know you agree with me that any investment we make in our youth will pay priceless dividends in the form of good health, good morals and good citizenship.

My policy of making an adequate appropriation for this department and approving Works Progress Administration projects for the betterment of our park and playground system will be continued.

In line with this policy, I shall seek among other projects, approval of the Works Progress Administration officials of plans for the development of the Rev. Patrick H. Callanan Playground.

In addition to providing a permanent municipal improvement and a new play area, this project will provide continuous work for hundreds of skilled workmen for many months.

In the North Cambridge section, a situation exists which

demands our attention and action. A solution must be found to the problem which arose last summer at Jerry's Pit, when children in North Cambridge were forbidden the use of this swimming place for the first time in generations.

The problem was temporarily solved last summer, but it is my hope that a permanent solution will be achieved this year.

YOUTH

The Youth Commission established under my Administration has already made many definite contributions to the youth of our City.

The vocational guidance program recommended by this Commission has been adopted by the School Committee and will become a most helpful part of our public school system.

Juvenile crime has been materially reduced within our City because of the splendid work of this Commission and the Juvenile Aid Bureau of the Police Department.

In these trying times, when our youth is so much in need of direction, counsel and assistance, I propose to continue and make more effective the work of the Youth Commission.

PUBLIC SAFETY

In compliance with an inaugural proposal which I made two years ago, Cambridge has taken advantage of the State law to allow the Commonwealth to make a comprehensive study of the City's traffic problems. This study resulted in a lengthy report containing definite recommendations for the alleviation of dangerous traffic hazards and problems within our City.

I propose during the coming two years to carry into effect the recommendations contained in this report so far as is possible. It is our intention to take advantage of available Federal funds in this work.

While discussing public safety, I would be remiss in my duty if I failed to speak a word of commendation of our Police and Fire Departments.

These vital protective agencies of our municipal government are now at a high standard of efficiency and the morale of the men of both departments is at its highest point in many years.

The establishment of better working conditions, the purchase of adequate equipment and the policy of non-interference by the

executive branch in the affairs of these departments have accomplished worthwhile results. My policy of the past two years will be zealously followed during the next two years.

CITY HOSPITAL

During the past two years there have been many constructive improvements in our City Hospital. The erection of the Cahill Maternity House and the consequent enlargement of facilities for medical and surgical patients have resulted in greater service to all the citizens. These improvements have increased the capacity of the Hospital from approximately 200 beds to 325.

Guided by the principle that the sick of the City are entitled to the best care which can be given them, we must always direct our efforts to the end that our City Hospital will continue to provide the best medical and surgical care for the people of Cambridge.

FINANCIAL CONDITION

Our City is on a sound financial basis. The best evidence I can offer to substantiate this statement are these facts:

During my Administration, necessary temporary borrowings have been made at the rate of 11/100ths of one per cent, the lowest interest rate paid in the history of the City.

Necessary long term borrowings have been made at the rate of 75/100ths of one per cent, the lowest interest rate for long term borrowings in the history of the City.

The total interest paid by the City on temporary borrowings during the past year was \$7,000 as compared with \$14,000 in 1936, the previous low for total interest paid on temporary borrowings.

The fact that in one instance fourteen financial institutions bid on long term bonds offered for sale by the City of Cambridge is, I believe, an excellent barometer by which we can judge the financial condition of our municipality. The eagerness shown by these financiers to obtain City of Cambridge bonds should clearly indicate that Cambridge is financially sound.

The tax collection record of the past two years is exceptionally fine. To date, 94 per cent of the 1938 tax levy has been collected and 73 per cent of the 1939 tax levy has already been received.

CONCLUSION

Gentlemen of the City Council:

We are the official custodians of the well-being of our City. Our fellow citizens have chosen us to carry on the all-important business of the City of Cambridge. Much is expected of us. We cannot escape responsibility for our acts, nor should we wish to.

Pledging ourselves to the principle that public office is a sacred trust, let us on this New Year's Day resolve that our actions during the next two years will prove us worthy of that trust.

ANNUAL REPORT OF THE CITY AUDITOR

December 31, 1940.

To the Honorable City Council:

I transmit herewith a report for the financial year beginning January 1, 1940 and ending December 31, 1940. Included in this report will be found:

1. Balance Sheet as of December 31, 1940.
2. Summary of Receipts and Expenditures offset by departments and functions.
3. Diagrams and Tables of Expenditures by purposes on basis of one dollar.
4. Analyses of the Appropriation Accounts and Summaries.
5. Debt Condition as of December 31, 1940.
6. Income and Expenditures in detail.
7. Condition of Trust and Investment Funds.

Respectfully submitted,

JOHN J. McKENZIE,
City Auditor.

Levy 1932.....	7,645 00
Levy 1933.....	10,754 00
	18,579 00
	1,923,130 96
Assessments:	
Unapportioned Sewer.....	\$120 40
Sewer Added to Taxes 1930.....	581 67
Sewer Added to Taxes 1939.....	349 77
Sewer Added to Taxes 1940.....	189 53
Committed Interest, Sewer.....	254 80
	1,496 17
Unapportioned Sidewalk.....	\$4,105 70
Sidewalk Added to Taxes 1935.....	6 01
Sidewalk Added to Taxes 1938.....	12 90
Sidewalk Added to Taxes 1939.....	306 01
Sidewalk Added to Taxes 1940.....	114 47
Committed Interest, Sidewalk.....	117 22
	4,662 31
Motor Vehicle Excise Taxes:	
Levy 1930.....	\$223 24
Levy 1931.....	646 22
Levy 1932.....	587 63
Levy 1933.....	1,561 33
Levy 1934.....	8,544 46
Levy 1935.....	12,225 58
Levy 1936.....	16,172 26
Levy 1937.....	18,986 52
Levy 1938.....	12,210 81
Levy 1939.....	10,350 94
Levy 1940.....	22,107 56
Tax Titles.....	
Tax Possessions.....	
	103,616 55
	255,213 79
	13,161 27
	1,923,130 96
H. C. Corrow.....	5 00
Mary Dole.....	1 00
Tailings.....	2,665 63
State Old Age Assistance Taxes	134 00
	3,083 55
Hopkins Fund.....	
Bullock Fund.....	
	1,059 60
	1,158 47
Income, Trust Funds:	
Thierry Fund.....	\$67 51
Bridge Fund.....	124 59
Russell Fund.....	27 28
Callanan Fund.....	61 00
Kingman Fund.....	490 86
Freese Fund.....	25 68
Hardy Fund.....	17 56
Harding Fund.....	24 78
Citizens' Subscription Fund.....	141 69
Cummings Fund.....	27 47
Fay Fund.....	14 62
Wm. Saunders Fund.....	336 78
Woolson Fund.....	168 11
Citizen of Cambridge Fund.....	178 17
Whorf Fund.....	334 89
Howe Fund.....	77 23
Murdock Fund.....	66 10
Carrie Saunders Fund.....	58 33
	2,242 65
Gifts, Subject to Acceptance.....	
National Defense Training Program	100 00
Premiums, General Loans.....	225 19
Revenue Reserved for Appropriation:	
Park.....	\$50 00
Sale of City Land.....	11,018 60
	26 66
Amount carried forward.....	\$11,068 60
	\$1,714,292 22

BALANCE SHEET — Continued
REVENUE ACCOUNTS — Concluded

Amount brought forward.....	\$2,632,337 88	Amounts brought forward.....	\$11,068 60	\$1,714,292 22
<i>Assets</i>		<i>Liabilities</i>		
Departmental:		Cemetery sales.....	\$14,755 10	
Building.....	\$3,145 81	Sewer.....	7,500 00	
Police.....	44 25	Water.....	208,887 68	
Electrical.....	8,111 93	Water, sale of land.....	5,751 62	247,963 00
Health.....	227,527 31			
Sewer.....	1,970 73	Revenue Reserved until Collected:		
Street.....	11,302 33	Sewer Assessment.....	\$1,496 17	
Public Welfare, Outside Aid.....	501,900 44	Sidewalk Assessment.....	4,662 31	
Public Welfare, Aid Dependent Children.....	10,272 31	Motor Vehicle Excise Tax.....	103,616 55	
Public Welfare, Old Age Assistance.....	38,033 00	Tax Title.....	268,375 06	
Public Welfare, City Infirmary.....	9 00	Departmental.....	1,010,227 07	
Soldiers' Benefits.....	11,085 45	Water.....	82,557 05	1,470,934 21
Hospital.....	182,390 04	Overlay Reserved for Abatement of Taxes:		
School.....	7,595 87	Levy 1931.....	\$340 85	
Park.....	1,628 71			
Cemetery.....	2,033 55			
Library.....	3,176 34			
	1,010,227 07			
Water:				
Metered Rates.....	\$59,527 55			
Annual Rates.....	6,205 40			
Miscellaneous Charges.....	16,824 10			
		Unallocated.....	79,188 12	79,528 97
Deficit State Assessments 1940:				
Boston Elevated Railway Deficit....	\$5,728 50			
Boston Elevated Railway Rentals				
Deficit.....	24 35			
Canterbury Street Highway.....	21 15			
Veterans' Exemption.....	241 98			
	6,015 98			
Overlay Deficits:				
Levy 1938.....	\$11,160 26			
Levy 1939.....	25,970 31			
Levy 1940.....	30,261 53			
	67,392 10	Surplus Revenue.....		285,811 68
	\$3,798,530 08			\$3,798,530 08

NON-REVENUE ACCOUNTS

<i>Assets</i>		<i>Liabilities</i>	
Cash.....		Appropriation Balances.....	\$284,503 63
		Revenue Reserved for Appropriation:	
		Sewer Construction.....	\$3,423 23
		Sidewalk Construction.....	3,941 66
			7,364 89
Cash, PWA Projects.....		Appropriation Balances PWA Projects:	
Federal Grants, Library.....	\$1,715 30	Library.....	\$1,026 28
Webster School.....	13,966 89	Webster School.....	25,781 58
High and Latin School.....	30,000 00	High and Latin School.....	50,019 10
Municipal Hospital....	4,521 63	Municipal Hospital.....	8,235 91
Municipal Incinerator..	1,048 07	Municipal Incinerator.....	806 79
Tuberculosis Hospital..	27,953 75	Municipal Garage.....	343 06
Bridge Repairs.....	2,220 06	Tuberculosis Hospital.....	30,176 93
		Bridge Repairs.....	2,815 66
			119,205 31
		Reserved for Appropriation:	
		Library.....	\$1,300 00
		Webster School.....	17,002 00
		High and Latin School.....	32,119 00
		Municipal Incinerator.....	12,500 00
		Municipal Garage.....	7,750 00
		Bridge Repairs.....	600 00
			71,271 00
			<u>\$482,344 83</u>

<i>Assets</i>		<i>Liabilities</i>	
Apportioned Sewer Assessments, Not Due.....		Due	\$242 58
		1941..	242 58
		1942..	242 58
		1943..	242 56
		1944..	242 55
		1945..	242 54
		1946..	242 53
		1947..	242 51
		1948..	
Amount carried forward.....	\$1,940 43	Amount carried forward.....	\$1,940 43

BALANCE SHEET — Continued

DEFERRED REVENUE ACCOUNTS — Concluded

<i>Assets</i>			
<i>Amount brought forward</i>	\$1,940 43	<i>Amount brought forward</i>	\$1,940 43
Apportioned Sidewalk Assessments, not due.....	587 88	<i>Liabilities</i>	
		Due 1941..	\$191 64
		1942..	140 05
		1943..	62 70
		1944..	57 63
		1945..	52 22
		1946..	35 64
		1947..	24 00
		1948..	24 00
			587 88
			<u>\$2,528 31</u>

DEBT ACCOUNTS

<i>Assets</i>		<i>General Debt</i>		<i>Liabilities</i>	
Commissioner of Sinking Funds, outside debt limit		Sinking Fund, Outside:		Separate System Sewer Loans.....	\$45,000 00
Net Funded, or Fixed, Debt, outside debt limit			\$1,783,000 00	Cambridge Bridge Loans.....	1,218,000 00
			4,908,450 00	Commercial Avenue Bridge Loans...	50,000 00
				Brookline Bridge Approach Loans...	25,000 00
				Park Loans.....	400,000 00
				Land for Playgrounds Loans.....	45,000 00
					\$1,783,000 00
				<i>Serial, Outside:</i>	
				Sewer, Separate System Loans.....	\$462,000 00
				Street Loans.....	14,000 00
				Bridge Loans.....	304,000 00
				Building Loans.....	253,000 00
				Hospital Loans.....	498,000 00
				School Loans.....	1,130,450 00
				Park Loans.....	6,000 00

Commissioners of Sinking Funds, inside debt limit.....	55,000 00	Sinking Fund, Inside:			
Net Funded, or Fixed, Debt, inside debt limit.....	4,057,050 00	Sewer, General Construction, Loans.....			4,908,450 00
		Serial, Inside:			55,000 00
		Sewer, General Construction, Loans.	\$1,173,000 00		
		Street Loans.....	2,010,000 00		
		Bridge Loans.....	36,500 00		
		Building Loans.....	555,000 00		
		Hospital Loans.....	4,000 00		
		School Loans.....	213,550 00		
		Departmental Equipment Loan.....	40,000 00		
		Demand Note, White Charity Fund			
		Trustees.....	5,000 00		
		Contract, Dowse Institute Fund			
		Trustees.....	10,000 00		
		Sanders Temperance Fund (principal			
		used by City).....	10,000 00		
Commissioners of Sinking Funds, General Debt.....	62,757 93	Sinking Fund Surplus, General Debt.....			4,057,050 00
					62,757 93
					<u>\$10,866,257 93</u>

<i>Assets</i>		<i>Water Debt</i>		<i>Liabilities</i>	
Commissioners of Water Loans Sinking Funds.....		\$37,428 25		Water Loans (Funded).....	\$26,500 00
Net Funded, or Fixed Water Debt.....		588,000 00		Water Loans (Serials).....	588,000 00
				Water Loans Sinking Fund Surplus.....	\$614,500 00
					10,928 25
					<u>\$625,428 25</u>

BALANCE SHEET — Concluded
TRUST AND INVESTMENT ACCOUNTS

<i>Assets</i>		<i>Liabilities</i>	
Trust Funds, cash and securities, in custody of Treasurer	\$312,471 18	Webster Thierry Fund.....	\$336 12
		John W. Freese Fund.....	222 44
		Sarah E. Russell Fund.....	814 41
		Bridge Charity Fund.....	3,670 50
		Rev. Patrick H. Callanan Fund.....	2,000 00
		Edward L. Kingman Fund.....	1,700 00
		Georgia Harding Spelling Contest Fund....	100 00
		Citizens' Subscription Fund.....	5,626 04
		Daniel P. Cummings Fund.....	2,169 94
		Isaac Fay Fund.....	1,058 21
		Abigail W. Howe Fund.....	3,061 32
		Maria Murdock Fund.....	2,271 61
		William E. Saunders Fund.....	7,228 46
		Edward H. Whorf Fund.....	3,277 45
		Mehitable C. C. Wilson Fund.....	1,544 11
		James A. Woolson Fund.....	5,239 43
		William Penn Harding Fund.....	1,040 49
		Citizen of Cambridge Fund.....	8,850 28
		Carrie H. Saunders Fund.....	1,000 00
		Cemetery Perpetual Care Fund.....	261,260 37
Trust Funds in custody of Trustees.....	20,360 00	Daniel White Charity Fund.....	\$10,360 00
		Dowse Institute Fund.....	10,000 00
Investment Funds, cash and securities, in custody of Treasurer.....	450,417 64	Retirement System, Act of 1931:	
		Annuity Savings Fund.....	\$165,463 51
		Annuity Reserve Fund.....	10,632 61
		Pension Accumulation Fund.....	84,378 31
		Retirement System, Act of 1936:	
		Annuity Savings Fund.....	\$110,118 43
		Annuity Reserve Fund.....	3,973 57
		Pension Accumulation Fund.....	75,851 21
Trust Fund, principal used by City.....	10,000 00	Sanders Temperance Fund.....	189,943 21
			450,417 64
			10,000 00
			\$793,248 82

SUMMARY RECEIPTS AND EXPENDITURES

January 1, 1940 to December 31, 1940

Receipts		Expenditures	
Taxes.....	\$7,648,334 22	Refunds:	
In lieu of taxes.....	22,446 60	Taxes.....	\$79,577 43
Redemption tax titles.....	32,473 92	Interest and costs on taxes.....	1,040 95
Interest and costs on taxes.....		General Government:	
Executive, entertainment licenses.....	\$1,317 84	City Council.....	\$9,878 00
Treasury.....	2 25	Clerk Committees.....	7,500 01
License Commission.....	168,484 80	Executive.....	22,450 25
City Clerk, fees and permits.....	8,001 83	Auditing.....	16,581 37
Law.....	128 00	Budget Examiner.....	3,738 40
Engineering.....	20 90	Treasury.....	53,899 84
Inspection of buildings.....	5,149 75	Administration Sinking Funds.....	640 00
Municipal buildings.....	499 00	Assessing.....	29,338 88
		License Commission.....	5,420 80
		City Clerk.....	20,180 75
		City Messenger.....	3,267 20
		Pole and Conduit Commission.....	4 50
		Law.....	18,311 34
		Election Commission.....	33,649 58
		Engineering.....	28,396 65
		Inspection of Buildings.....	22,702 61
		Municipal Buildings.....	46,765 87
		Board of Appeal.....	1,247 30
		Employment Office.....	3,581 30
		Retirement Board.....	2,532 56
		Purchasing.....	10,414 34
	183,604 37		340,501 55
		Protection:	
Police.....	\$12,674 46	Police.....	\$535,568 75
Fire.....	772 50	Fire.....	534,691 61
Electrical.....	4,073 55	Electrical.....	63,195 54
Sealer of Weights and Measures.....	1,348 98	Street Lighting and Traffic Signals..	160,137 31
Forestry.....	25 38	Sealer of Weights and Measures....	10,511 87
		Forestry.....	19,103 15
	18,894 87		1,323,208 23
Amount carried forward.....	\$7,955,133 58	Amount carried forward.....	\$1,744,328 16

SUMMARY RECEIPTS AND EXPENDITURES — Continued

<i>Amount brought forward</i>	\$7,955,133 58	<i>Amount brought forward</i>	\$1,744,328 16
<i>Receipts</i>		<i>Expenditures</i>	
Health, general maintenance.....	\$15,596 00	Health and Sanitation:	
Tuberculosis Hospital (loan		Health, general maintenance.....	\$98,041 12
\$29,000 00).....	29,724 57	Tuberculosis Hospital.....	100,323 25
Laboratory.....	507 50	Laboratory.....	7,386 49
Dental clinics.....	641 50	Dental clinics.....	15,572 80
		Inspection of animals.....	2,067 20
Sewer, general maintenance.....	111 00	Sewer, general maintenance.....	34,223 87
Street, Sanitary Division.....	17,402 30	Street, Sanitary Division.....	204,803 86
			462,418 59
Street, miscellaneous.....	\$6,398 05		
Highway fund (state) 241,906 83		Highways and Bridges:	
		Street, general maintenance.....	\$420,301 63
Incinerator, maintenance loan..		Shops and garages.....	36,929 95
Boston and Cambridge bridges —		Incinerator.....	14,943 95
reimbursement.....	6 20	Boston and Cambridge bridges.....	6,380 66
			478,556 20
	273,311 08		
Hospital.....	\$75,740 12	Charities:	
Welfare, Outside Aid —		Hospital.....	\$407,794 22
loan.....	\$564,500 00	Welfare, Outside Aid.....	1,049,348 31
Reimbursements.....	253,864 45		
Kinnear fund.....	195 00		
		Aid to Dependent Children.....	291,711 25
Aid to Dependent Children:			
Loan.....	\$72,500 00		
Federal grants.....	75,111 90		
Reimbursements.....	79,422 38		
Old Age Assistance:			
Loan.....	\$109,000 00		
Federal grants.....	278,036 32		
Reimbursements.....	188,452 22		
City Infirmary.....		Old Age Assistance.....	586,814 08
		City Infirmary.....	77,551 85
		City Physician.....	5,503 48
	1,699,903 64		2,418,723 19

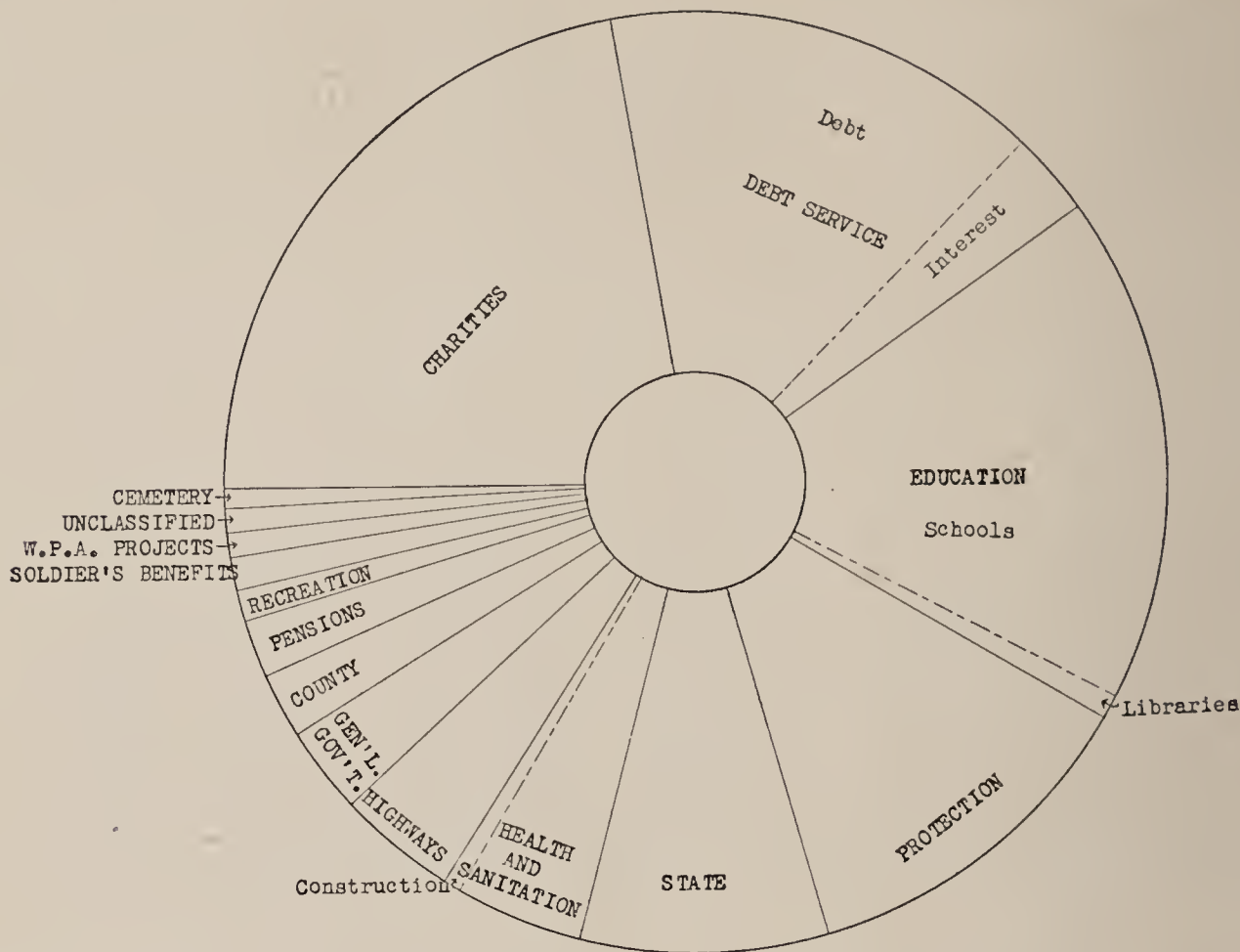
Soldiers' benefits — loan.....	\$10,000 00		Soldiers' benefits.....	23,111 75	109,087 02
Reimbursements.....	13,111 75		Municipal pensions.....	1,000 00	214,302 04
Municipal pensions.....			School.....	54,142 29	1,875,937 23
School, from State.....	\$25,597 24		Library.....	640 65	87,969 72
Miscellaneous.....	28,545 05		Recreation:		
			Park, general maintenance.....		\$69,212 37
			Golf course.....		10,254 52
			Baths.....		4,350 68
			Playgrounds.....		32,530 04
Cemetery.....			Cemetery.....	6,669 20	116,347 61
Unclassified:			Unclassified:	39,603 55	69,003 01
Damages.....	\$4,100 00		Damages.....		\$57,661 73
			Veterans' Headquarters.....		2,100 00
			Rifle range.....		3,996 79
			Celebrations.....		4,136 70
			Annual documents.....		1,900 00
			Youth Commission.....		1,453 95
			Revision building code and zoning law.....		3,666 24
			Revision, city ordinances.....		4,527 96
			Custodian foreclosed property.....		571 35
Sale of tax possessions.....	3,785 00		Telephone exchange.....	8,371 95	86,218 15
Industrial Commission — rents.....	450 00				
Telephone Exchange — tolls.....	36 95		Debt Service:		
			Sinking funds for debt.....		\$1,669,000 00
			Interest.....		302,554 27
			Premium account.....		2,457 90
Debt service:			Temporary revenue loans.....	338,887 55	1,974,012 17
Sinking funds for debt.....	\$336,000 00		County — dog licenses.....	5,200,000 00	6,100,000 00
Interest.....	400 05		State — income tax.....	2,297 45	238,937 91
Premium account.....	2,487 50		Corporation tax.....		
Temporary revenue loans.....			State tax and assessments.....	972,461 65	952,106 28
County — dog licenses.....					
State — income tax.....	\$450,109 92				
Corporation tax.....	522,351 73				
<i>Amount carried forward.....</i>	<i>\$16,639,517 21</i>		<i>Amount carried forward.....</i>	<i>\$16,927,947 28</i>	

SUMMARY RECEIPTS AND EXPENDITURES — Concluded

<i>Amount brought forward</i>	\$16,639,517 21	<i>Amount brought forward</i>	\$16,927,947 28
<i>Receipts</i>		<i>Expenditures</i>	
Grants from funds:		Grants from funds:	
Smith Hughes fund for schools.....	\$1,709 99	Smith Hughes fund for schools.....	\$1,709 99
Hopkins fund for schools.....	779 62	Hopkins fund for schools.....	703 67
Bullock fund for health (dental)....	874 96	Bullock fund for health (dental)....	2,174 35
Trust funds income.....	3,364 57	Trust funds income.....	4,588 01
	1,777 71		1,488 62
WPA Projects:		WPA Projects:	
Administration office.....		Administration office.....	\$40,940 72
Executive.....		Executive.....	951 75
Treasury.....		Treasury.....	3,915 18
Budget.....		Budget.....	177 39
Municipal Buildings.....		Municipal Buildings.....	11,695 99
Sewer.....		Sewer.....	1,911 47
Hospital.....		Hospital.....	402 66
Welfare, outside aid.....		Welfare, outside aid.....	6,481 38
City Physician.....		City Physician.....	229 15
Library.....		Library.....	7,840 06
Park.....		Park.....	30,821 86
Cemetery.....		Cemetery.....	194 25
Assessment, music project.....		Assessment, music project.....	145 50
Assessment, commodities distribu-		Assessment, commodities distribu-	
tion.....	5,662 21	tion.....	5,662 21
WPA projects — sewing.....	20 00		111,369 57
Refunds, departmental appropriations.....	21,534 79	Refunds:	
Temporary accounts:		Departmental receipts.....	14,598 21
Trust and investment funds.....	58,880 01	Departmental appropriations.....	21,534 79
Guarantee deposits.....	200,178 62	Temporary accounts:	
Agency.....	86,376 20	Trust and investment funds.....	58,880 01
		Guarantee deposits.....	198,235 60
		Agency.....	85,692 78
		Water:	
		General maintenance.....	\$210,644 62
		Pumping maintenance.....	55,094 42
		Reservoirs maintenance.....	46,734 79
		Filtration maintenance.....	47,645 47
		Debt and interest.....	82,213 75
		Refunds.....	2,488 40
Water rates and refunds.....	521,240 47		444,821 45

Outlays — (permanent improvements):		Outlays (permanent improvements):	
Building construction, PWA			
Federal grants	\$285,348 14		
City appropriation	2,596 75		
Refunds	624 76		
Sewer construction, loan	\$250,000 00	Building construction	625,106 31
Revenue	10,212 17		
Refunds	680 10	Sewer construction	254,179 27
Street and sidewalk construction,			
loans	\$600,000 00	Street and sidewalk construction	434,430 63
Revenue	4,971 55	Departmental equipment, street	\$9,480 00
State, Ch. 90	3,499 45	Underground, electrical	4,091 12
		Refunds	
			13,571 12
			1,304 86
Total receipts	\$18,690,822 50	Total Expenditures	\$19,197,748 51
Cash balance, January 1, 1940	1,234,579 22	Cash balance, December 31, 1940	727,653 21
	\$19,925,401 72		\$19,925,401 72

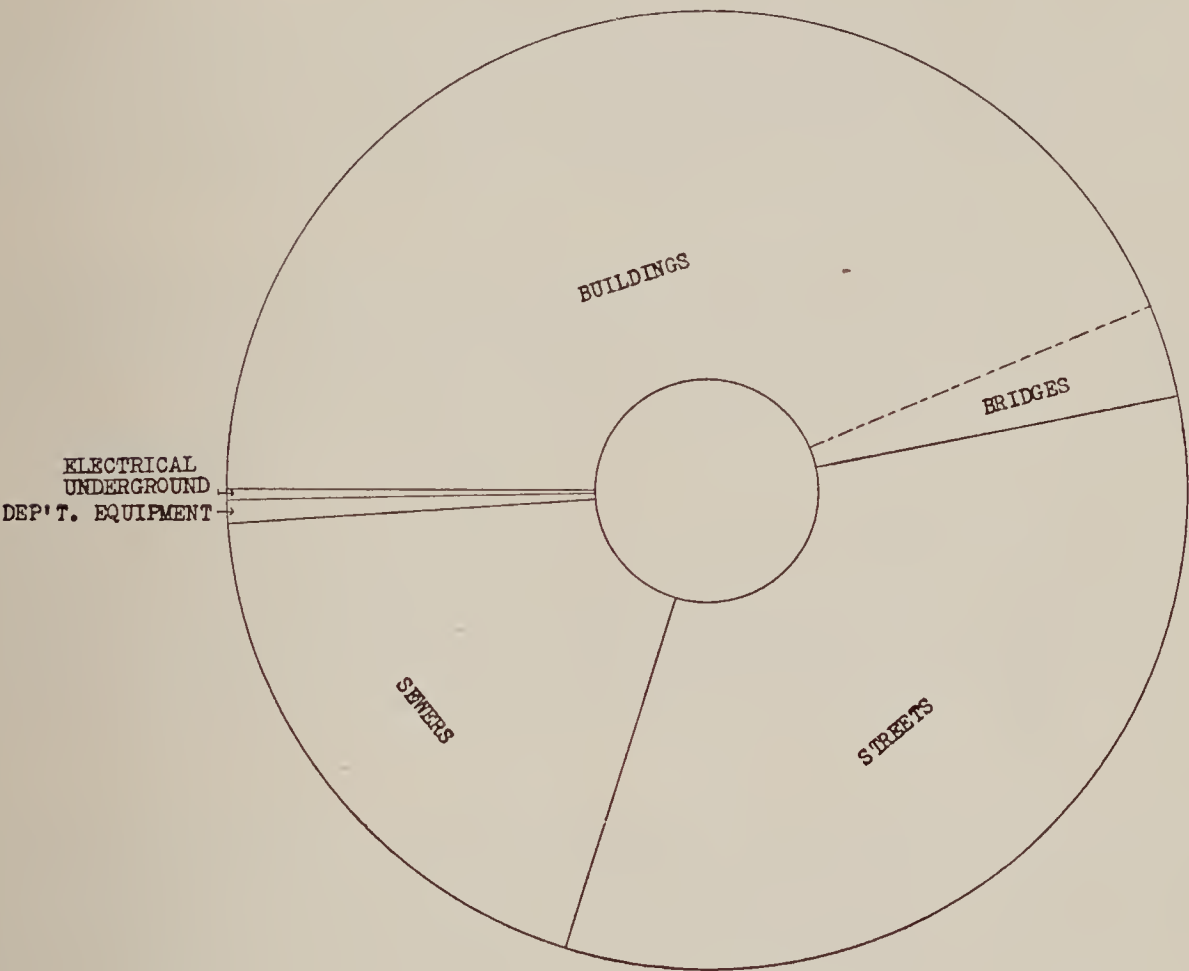
EXPENDITURES BY PURPOSES FOR MAINTENANCE AND OPERATION IN 1940 ON THE BASIS OF ONE DOLLAR



Charities.....			\$1.2223
Debt Service:	Debt.....	\$1.533	
	Interest.....	.0277	.1810
Education:	Schools.....	\$1.722	
	Libraries.....	.0081	.1803
Protection.....			.1213
State.....			.0873
Health and Sanitation:	Maintenance.....	\$1.0440	
	Sewer Construction.....	.0040	.0480
Highways and Bridges.....			.0425
General Government.....			.0312
County.....			.0219
Pensions.....			.0196
Recreation.....			.0107
Soldier's Benefits.....			.0100
WPA Projects.....			.0097
Unclassified.....			.0079
Cemetery.....			.0063
			\$1.0000

Charities: City Hospital, Outside Aid, City Physician, Aid to Dependent Children, Old Age Assistance, City Infirmary, Assessment Surplus Commodities. Protection: Police, Fire, Electrical, Street Lighting, Traffic Signals, Sealer of Weights and Measures, Forestry. Health and Sanitation: Health, General Maintenance, Tuberculosis Hospital, Dental Clinics, Laboratory, Inspection of Animals, Sewer, Street (Sanitary Division), Incinerator. General Government: City Council, Clerk of Committees, Executive, Auditing, Budget Examiner, Treasury, Administration Sinking Funds, Assessing, License Commission, Pole and Conduit Commission, City Clerk, City Messenger, Law, Election Commission, Engineering, Inspection of Buildings, Municipal Buildings, Board of Appeal, Employment Bureau, Administration Retirement System, Purchasing. Unclassified: Youth Commission, Revision Building Code and Zoning Ordinance, Revision City Ordinances, Custodian Foreclosed Property, Veterans' Headquarters, Rifle Range Practice, Celebrations, Annual Documents, Damages, Telephone Exchange.

EXPENDITURES BY PURPOSES FOR CONSTRUCTION
OF PERMANENT IMPROVEMENTS (OUTLAYS)
IN 1940 ON THE BASIS OF ONE DOLLAR



Building Construction (PWA)	\$0.4390	
Repair of Bridges (PWA)	<u>.0309</u>	\$0.4699
Street Construction		.3279
Sewer Construction		.1919
Departmental Equipment		.0072
Electrical (Underground Construction)		<u>.0031</u>
		\$1.0000

APPROPRIATION ACCOUNTS
MAINTENANCE AND OPERATION

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1941 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
City Council.....	\$11,502 00	\$7,500 00	\$2,378 00	\$9,878 00	\$1,624 00	.....
Clerk of Committees.....	7,501 80	7,401 86	98 15	7,500 01	.....	\$1 79
Executive.....	22,850 55	18,824 67	3,625 58	22,450 25	397 89	2 41
WPA Administration.....	41,035 97	38,156 19	2,784 53	40,940 72	94 66	59
Auditing.....	16,730 93	15,438 02	1,143 35	16,581 37	148 60	96
Budget Examiner.....	3,748 10	3,000 00	738 40	3,738 40	9 00	70
Treasury.....	53,931 77	45,052 93	8,846 91	53,899 84	31 75	18
Administration, Sinking Funds.....	640 62	600 00	40 00	640 00	.....	62
Assessing.....	29,343 47	26,960 26	2,378 62	29,338 88	.....	4 59
License Commission.....	5,424 50	5,152 00	268 80	5,420 80	.....	1 00
Pole and Conduit Commission.....	8 00	.....	4 50	4 50	2 70	50
City Clerk.....	20,426 68	17,900 00	2,280 75	20,180 75	3 00	69
City Messenger.....	3,267 95	3,200 00	67 20	3,267 20	245 24	75
Law.....	18,978 76	11,661 00	6,650 34	18,311 34	665 54	1 88
Election Commission.....	33,744 38	26,117 31	7,532 27	33,649 58	94 80	.....
Engineering.....	28,540 97	28,004 50	392 15	28,396 65	141 16	3 16
Inspection of buildings.....	22,829 05	22,108 00	594 61	22,702 61	124 78	1 66
Municipal buildings.....	47,349 52	32,443 00	14,322 87	46,765 87	580 51	3 14
Police.....	538,772 09	521,005 32	14,563 43	535,568 75	3,193 62	9 72
Fire.....	537,007 76	515,048 50	19,643 11	534,691 61	2,135 68	180 47
Electrical.....	64,276 59	58,280 00	4,915 54	63,195 54	1,074 07	6 98
Street lighting.....	155,388 37	.....	155,388 36	155,388 36	.....	01
Traffic signals.....	4,866 21	.....	4,748 95	4,748 95	115 66	1 60
Sealer of Weights and Measures.....	10,574 77	10,140 00	371 87	10,511 87	58 13	4 77
Forestry.....	19,175 69	18,399 38	703 77	19,103 15	67 96	4 58
Health, general maintenance.....	101,371 78	69,707 31	28,333 81	98,041 12	3,323 04	7 62
Tuberculosis Hospital.....	110,841 81	53,840 34	46,482 91	100,323 25	10,516 10	2 46

Laboratory.....	7,459 63	7,135 00	251 49	7,386 49	71 37	1 77
Dental clinics.....	15,703 91	14,896 00	676 80	15,572 80	129 18	1 93
Inspection of animals.....	2,175 00	2,000 00	67 20	2,067 20	107 67	13
Sewer maintenance.....	34,473 69	32,519 52	1,704 35	34,223 87	243 51	6 31
Street, Sanitary Division.....	207,134 50	192,735 41	12,068 45	204,803 86	2,328 97	1 67
General maintenance.....	429,447 73	236,168 02	184,133 61	420,301 63	9,127 73	18 37
Shop and garage.....	37,243 36	33,073 20	3,856 76	36,929 96	311 26	2 14
Incinerator.....	26,090 00	12,248 50	2,695 45	14,943 95	11,146 05	
Boston and Cambridge bridges.....	6,813 44	1,860 00	4,520 66	6,380 66	432 78	
City Hospital.....	420,464 29	199,278 15	208,516 07	407,794 22	12,660 49	9 58
Outside aid.....	1,411,335 51	37,414 72	1,303,644 84	1,341,059 56	70,275 56	39
Old Age Assistance.....	591,499 24	9,894 12	576,919 96	586,814 08	4,685 16	
City Infirmary.....	81,329 38	32,274 92	45,276 93	77,551 85	3,773 69	
City Physician.....	5,505 00	5,400 00	103 48	5,503 48		3 84
Soldiers' benefits.....	112,312 97	7,336 26	101,750 76	109,087 02	3,124 71	1 52
Pensions.....	214,347 87	271 04	214,031 00	214,302 04		101 24
School.....	1,888,550 92	1,556,343 42	319,593 81	1,875,937 23		45 83
Library.....	89,171 79	63,935 50	24,034 22	87,969 72	11,197 80	1,415 89
Park, general maintenance.....	72,039 04	56,582 00	12,630 37	69,212 37	1,044 73	157 34
Public baths.....	4,392 57	3,807 50	543 18	4,350 68	2,439 65	387 02
Golf course.....	10,464 51	9,151 00	1,103 52	10,254 52	16 26	25 63
Playgrounds.....	32,816 07	30,932 99	1,597 05	32,530 04	19 33	190 66
Cemetery.....	69,401 33	64,905 78	4,097 23	69,003 01	153 55	132 48
Telephone exchange.....	6,221 93	2,060 70	4,142 73	6,203 43	89 18	309 14
Board of Appeal.....	1,260 50	950 00	297 30	1,247 30		18 50
Employment Bureau.....	3,605 00	3,560 00	21 30	3,581 30		13 20
Retirement system administration.....	2,639 00	1,716 00	816 56	2,532 56		23 70
Purchasing.....	10,510 40	9,390 00	1,024 34	10,414 34	106 44	
Housing Authority.....	225 00				10 68	85 38
Planning Board.....	28 00					225 00
Industrial Commission.....	45 00				28 00	
Youth Commission.....	1,458 75	1,409 90	44 05	1,453 95		45 00
Revision building code and zoning law.....	5,000 00	3,530 56	135 68	3,666 24		4 80
Revision city ordinances.....	5,337 40	4,527 96		4,527 96	1,333 76	
Reward, Somer case.....	1,000 00				809 44	
Surplus commodities assessment.....	5,662 21				1,000 00	
Custodian foreclosed property.....	571 35	500 00	71 35	571 35		
Amounts carried forward.....	\$7,823,866 38	\$4,193,748 76	\$3,565,331 49	\$7,759,080 25	\$61,314 84	\$3,471 29

APPROPRIATION ACCOUNTS — Continued
MAINTENANCE AND OPERATION — Continued

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1941 (5)	Balances to Treasury (6)
		Salaries (2)	Other (3)			
<i>Amounts brought forward</i>	\$7,823,866 38	\$4,193,748 76	\$3,565,331 49	\$7,759,080 25	\$61,314 84	\$3,471 29
Damages.....	58,862 18	.....	57,661 73	57,661 73	1,200 45	.....
Veterans' headquarters.....	2,100 00	.....	2,100 00	2,100 00	.....	.....
Military, rifle range practice.....	3,996 79	.....	3,996 79	3,996 79	.....	.....
Public celebrations.....	4,200 00	.....	4,136 70	4,136 70	.....	63 30
Annual documents.....	3,800 00	.....	1,900 00	1,900 00	1,900 00	.....
Reserve fund (balance unallocated).....	84	.....	.....	.....	.....	84
Maturing debt.....	1,333,000 00	.....	1,333,000 00	1,333,000 00	.....	.....
Maturing debt (from Sinking Fund).....	336,000 00	.....	336,000 00	336,000 00	.....	.....
Interest, general debt.....	294,814 38	.....	294,814 38	294,814 38	.....	.....
Interest, temporary loans.....	7,798 93	.....	7,739 89	7,739 89	.....	59 04
WPA Projects, Executive.....	1,190 20	.....	951 75	951 75	238 45	.....
Treasury.....	4,121 00	.....	3,915 18	3,915 18	205 82	.....
Budget.....	182 76	.....	177 39	177 39	.....	5 37
Building.....	14,082 56	.....	11,695 99	11,695 99	2,386 57	.....
Electrical.....	2,488 00	.....	.....	.....	2,488 00	.....
Forestry.....	2 06	.....	.....	.....	2 06	.....
Sewer.....	1,978 00	.....	1,911 47	1,911 47	.....	66 53
Hospital.....	411 88	.....	402 66	402 66	9 22	.....
Public welfare.....	8,393 56	.....	6,710 53	6,710 53	1,683 03	.....
Library.....	8,412 60	.....	7,840 06	7,840 06	529 42	43 12
Park.....	38,323 61	.....	30,821 86	30,821 86	7,501 75	.....
Cemetery.....	570 00	.....	194 25	194 25	375 75	.....
Music project assessment.....	145 50	.....	145 50	145 50	.....	.....
	\$9,848,741 23	\$4,193,748 76	\$5,471,447 62	\$9,665,196 38	\$179,835 36	\$3,709 49

APPROPRIATION ACCOUNTS — *Concluded*

Appropriations (column 1):					
Balances brought forward from 1939.....		\$239,678 66			\$4,193,748 76
Annual budget:					
City.....	\$5,837,611 61				
School.....	1,863,381 50				
		7,700,993 11			
Preliminary and supplementary					
City.....	\$404,762 24				
School.....	3, 964 00				
					3,424,184 84
Sinking fund for maturing debt					75,708 51
Federal grants, Old Age Assistance	\$278,036 32	408,726 24			1,971,554 27
Aid to Dependent Children.....	75,111 90	336,000 00			
		353,148 22			
Loans, Welfare.....					
Tuberculosis Hospital main- tenance.....	\$746,000 00				
Incinerator maintenance. . .	29,000 00				
Soldiers' Aid	25,000 00				
	10,000 00	810,000 00			
Kinnear fund for welfare.....		195 00			
		\$9,848,741 23			\$9,665,196 38

APPROPRIATION ACCOUNTS — Continued
OUTLAYS (Permanent Improvements)

	Appropriations Available (1)	EXPENDED		Total Expenditures (4)	Encumbered Balances Forward to 1941 (5)	Transferred to Water Surplus (6)
		Salaries (2)	Other (3)			
Electrical Underground Construction.....	\$4,159 77	.....	\$4,091 12	\$4,091 12	\$68 65	.....
Traffic Construction.....	1,173 87	.....	.....	.....	1,173 87	.....
Departmental Equipment.....	9,500 71	.....	9,480 00	9,480 00	20 71	.....
Sewer Construction.....	295,921 72	\$104,816 57	149,362 70	254,179 27	41,742 45	.....
Street Construction.....	671,767 21	285,810 27	148,620 36	434,430 63	237,336 58	.....
Third Street Bridge.....	2,171 71	.....	.....	.....	2,171 71	.....
Land, Fletcher School.....	719 30	.....	.....	.....	719 30	.....
Building Construction, 1939.....	2,596 75	.....	2,596 75	2,596 75	.....	.....
Tuberculosis Hospital Construction.....	6,000 00	.....	6,000 00	6,000 00	.....	.....
High and Latin School Addition.....	2,700 00	.....	2,700 00	2,700 00	.....	.....
Municipal Building and Police Headquarters	848 63	.....	.....	.....	848 63	.....
Fire Station.....	98	.....	.....	.....	98	.....
City Infirmary.....	88	.....	.....	.....	88	.....
Rindge Technical School.....	419 87	.....	.....	.....	419 87	.....
PWA Construction Projects, Library.....	3,660 00	8 00	2,625 72	2,633 72	1,026 28	.....
Webster School.....	86,649 19	687 34	60,180 27	60,867 61	25,781 58	.....
High and Latin School.....	370,973 13	2,417 41	318,536 62	320,954 03	50,019 10	.....
City Hospital.....	75,098 11	663 07	66,199 13	66,862 20	8,235 91	.....
Incinerator.....	34,346 35	69 16	33,470 40	33,539 56	806 79	.....
Garage.....	12,240 03	119 34	11,777 63	11,896 97	343 06	.....
Tuberculosis Hospital.....	127,959 28	478 59	97,303 76	97,782 35	30,176 93	.....
Repair of Bridges.....	22,088 78	77 07	19,196 05	19,273 12	2,815 66	.....
Water Construction, 10 inch mains	2 40	.....	.....	.....	.....	2 40
6 inch to 16 inch mains.....	28 50	.....	.....	.....	.....	28 50
40 inch mains.....	2 31	.....	.....	.....	.....	2 31
	\$1,731,029 48	\$395,146 82	\$932,140 51	\$1,327,287 33	\$403,708 94	\$33 21

Appropriations (column 1):		
Balances brought forward from 1939	\$805,871 54	
Less amount transferred back to revenue.....	30,319 43	
Raised in Tax Levy.....		\$775,552 11
State and County Grants, Street Construction ...		87,694 63
Sidewalk Construction Revenue.....		3,499 45
Sewer Construction Loan.....		1,305 54
Street Construction Loans.....		250,000 00
Building Construction, PWA Additional.....		600,000 00
		12,977 75
		<u>\$1,731,029 48</u>
Expenditures (columns 2, 3, 4):		
Salaries and Wages.....		\$395,146 82
Equipment (purchased).....		9,480 00
Truck and equipment hire.....		44,998 20
Materials and Supplies.....		257,075 98
Construction under Contracts.....		620,586 33
		<u>\$1,327,287 33</u>

APPROPRIATION ACCOUNTS — *Continued*
WATER DEPARTMENT

	Appropriations (1)	EXPENDED		Total Expenditures (4)	Balances Forward to 1941 (5)	Balances to Water Surplus (6)
		Salaries (2)	Other (3)			
General Maintenance.....	\$226,247 07	\$141,644 99	\$68,999 63	\$210,644 62	\$6,506 53	\$9,095 92
Pumping Maintenance.....	63,391 91	30,232 16	24,862 26	55,094 42	6,364 28	1,933 21
Reservoirs Maintenance	47,949 46	40,277 37	6,457 42	46,734 79	141 49	1,073 18
Filtration Maintenance	53,524 46	26,342 99	21,302 48	47,645 47	2,804 48	3,074 51
	\$391,112 90	\$238,497 51	\$121,621 79	\$360,119 30	\$15,816 78	\$15,176 82
Maturing Debt.....	57,500 00	.....	57,500 00	57,500 00	.....	.....
Interest on Debt.....	24,713 75	.....	24,713 75	24,713 75	.....	.....
	\$473,326 65	\$238,497 51	\$203,835 54	\$442,333 05	\$15,816 78	\$15,176 82
Appropriations (column 1):				Expenditures (columns 2, 3, 4):		
Balances brought forward from 1939		\$10,244 14		Salaries		\$238,497 51
From current water receipts.....		463,082 51		Materials, supplies and equipment.....		121,621 79
				Debt and interest.....		82,213 75
						<u>\$442,333 05</u>

SUMMARY OF EXPENDITURES

APPROPRIATION ACCOUNTS

Salaries and wages:			
City, maintenance and operation.....	\$4,193,748 76	\$4,588,895 58	
Outlays.....	395,146 82	238,497 51	
Water Department, maintenance and operation.....			\$4,827,393 09
Materials, supplies and equipment:			
City, maintenance and operation.....	\$1,022,926 78		
Outlays.....	311,554 18		
Water Department, maintenance and operation.....		\$1,334,480 96	
Welfare, Old Age Assistance, and Aid Dependent Children		121,621 79	
Street lighting, pensions, soldiers' benefits.....			1,456,102 75
Other maintenance and operation, unclassified.....			1,925,945 21
Construction under contracts.....			475,919 07
			75,102 29
			620,586 33
Debt Service:			
City.....	\$1,971,554 27		
Water Department.....	82,213 75		
			2,053,768 02
			<u>\$11,434,816 76</u>

MATURITIES OF OUTSTANDING DEBT

GENERAL DEBT

Funded Loans

Matures	Sewer	Street	Bridges	Building	Hospital	School	Park	Land for Playgrounds	Additional Departmental Equipment	Municipal Relief	Street Department Incinerator Maintenance	Tuberculosis Hospital Maintenance	State Tax Funding	Totals	Matures
1941	\$40,000	.....	\$132,000	.....	.....	.....	\$100,000	\$45,000	.....	.....	.....	.....	.....	\$317,000	1941
1942	15,000	.....	94,000	.....	.....	.....	48,000	.....	.....	.....	.....	.....	.....	157,000	1942
1943	45,000	.....	77,000	.....	.....	.....	50,000	.....	.....	.....	.....	.....	.....	172,000	1943
1944	.....	.....	385,000	.....	.....	.....	31,000	.....	.....	.....	.....	.....	.....	416,000	1944
1945	.....	.....	240,000	.....	.....	.....	55,000	.....	.....	.....	.....	.....	.....	295,000	1945
1946	.....	.....	175,000	.....	.....	.....	25,000	.....	.....	.....	.....	.....	.....	200,000	1946
1947	.....	.....	105,000	.....	.....	.....	10,000	.....	.....	.....	.....	.....	.....	115,000	1947
1948	.....	.....	45,000	.....	.....	.....	42,000	.....	.....	.....	.....	.....	.....	87,000	1948
1950	.....	.....	20,000	.....	.....	.....	8,800	.....	.....	.....	.....	.....	.....	28,800	1950
1951	.....	.....	10,000	.....	.....	.....	30,200	.....	.....	.....	.....	.....	.....	40,200	1951
1952	.....	.....	10,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,000	1952
Serial Loans															
1941	86,500	\$649,000	43,500	\$78,500	\$53,000	\$185,000	2,000	2,500	\$10,000	\$910,000	\$25,000	\$29,000	\$50,000	2,124,000	1941
1942	86,500	535,000	43,500	75,500	53,000	184,000	2,000	2,500	10,000	154,000	.....	.....	50,000	1,196,000	1942
1943	86,500	415,000	39,500	74,500	51,000	171,000	1,000	2,500	10,000	154,000	.....	.....	50,000	1,055,000	1943
1944	86,500	295,000	38,500	71,500	51,000	136,000	1,000	2,500	10,000	154,000	.....	.....	50,000	896,000	1944
1945	84,000	130,000	36,500	71,500	21,000	115,000	.....	2,500	.....	153,000	.....	.....	.....	613,500	1945
1946	83,000	.....	34,500	71,500	21,000	82,000	.....	2,000	.....	153,000	.....	.....	.....	447,000	1946
1947	81,000	.....	29,500	71,500	21,000	81,000	.....	2,000	.....	128,000	.....	.....	.....	414,000	1947
1948	80,000	.....	22,000	43,500	21,000	37,000	.....	1,500	.....	108,000	.....	.....	.....	313,000	1948
1949	78,500	.....	22,000	37,000	21,000	36,000	.....	1,500	.....	53,000	.....	.....	.....	249,000	1949
1950	77,000	.....	4,000	37,000	21,000	36,000	.....	500	.....	.....	.....	.....	.....	175,500	1950
1951	72,500	.....	3,000	37,000	21,000	36,000	.....	.....	.....	.....	.....	.....	.....	169,500	1951
1952	69,000	.....	3,000	37,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	165,000	1952
1953	64,500	.....	3,000	37,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	160,500	1953
1954	57,000	.....	3,000	13,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	129,000	1954
1955	53,500	.....	3,000	13,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	125,500	1955
1956	51,000	.....	3,000	13,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	123,000	1956
1957	48,500	.....	3,000	13,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	120,500	1957
1958	45,500	.....	3,000	13,000	21,000	35,000	.....	.....	.....	.....	.....	.....	.....	117,500	1958
1959	45,000	.....	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,000	1959
1960	41,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,000	1960
1961	38,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38,000	1961
1962	35,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35,000	1962
1963	34,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34,000	1963
1964	33,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,000	1964
1965	30,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30,000	1965
1966	26,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,000	1966
1967	23,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,000	1967
1968	17,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,000	1968
1969	14,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,000	1969
1970	8,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,000	1970
	\$1,735,000	\$2,024,000	\$1,633,500	\$808,000	\$502,000	\$1,344,000	\$406,000	\$65,000	\$40,000	\$1,967,000	\$25,000	\$29,000	\$200,000	\$10,778,500	

Demand Note held by Trustees White Charity Fund.....

Contract, Trustees Dowse Institute Fund.....

Sanders Temperance Fund, principal used by city.....

Total general debt \$10,803,500

5,000

10,000

10,000

WATER DEBT

		Matures	
Funded Loans:		Amounts	Matures
1941.....		\$26,500 00	1941
Serial Loans:			
1941.....		57,500 00	1941
1942.....		57,500 00	1942
1943.....		44,500 00	1943
1944.....		44,500 00	1944
1945.....		43,000 00	1945
1946.....		43,000 00	1946
1947.....		42,000 00	1947
1948.....		42,000 00	1948
1949.....		42,000 00	1949
1950.....		34,000 00	1950
1951.....		23,000 00	1951
1952.....		23,000 00	1952
1953.....		23,000 00	1953
1954.....		23,000 00	1954
1955.....		23,000 00	1955
1956.....		23,000 00	1956
Total Water Debt		\$614,500 00	

NET OUTSTANDING DEBT

	Gross	Sinking Funds	Net
General Debt, inside debt limit.....	\$4,112,050 00	\$55,000 00	\$4,057,050 00
General Debt, outside debt limit.....	6,691,450 00	1,783,000 00	4,908,450 00
Totals, General Debt.....	\$10,803,500 00	\$1,838,000 00	\$8,965,500 00
Sinking Fund Surplus, general loans.....		62,757 93	
Water Debt.....	\$614,500 00	\$26,500 00	\$588,000 00
Sinking Fund Surplus, waterl oans.....		11,504 52	

RATES OF INTEREST ON OUTSTANDING LOANS

General Debt

[illegible]

LOANS ISSUED IN 1940

Purpose	Authority	inside	outside	debt limit	Date	Rate	Amount	Matures
Sewer construction	Ch. 44, Sec. 7(1)	inside	debt limit	March	1	2.	\$250,000 00	1941-1970
Welfare	Ch. 44, Sec. 8(9)	outside	debt limit	July	29	.335	481,000 00	1941
Street construction	Ch. 44, Sec. 7(6)	inside	debt limit	August	1	.875	400,000 00	1941-1945
Welfare	Ch. 44, Sec. 8(9)	outside	debt limit	August	28	.258	178,000 00	1941
Tuberculosis Hospital maintenance	Ch. 44, Sec. 8(9)	outside	debt limit	October	8	.219	29,000 00	1941
Incinerator maintenance	Ch. 44, Sec. 8(9)	outside	debt limit	October	8	.219	25,000 00	1941
Street construction	Ch. 44, Sec. 7(6)	inside	debt limit	November	1	.75	200,000 00	1941-1945
Welfare	Ch. 44, Sec. 8(9)	outside	debt limit	December	26	.12	87,000 00	1941
Soldiers' benefits	Ch. 44, Sec. 8(9)	outside	debt limit	December	30	.12	10,000 00	1941
							\$1,660,000 00	

GENERAL DEBT MATURED AND PAID IN 1940

From sinking funds	\$336,000 00
From revenue funds	1,333,000 00
	\$1,669,000 00

WATER DEBT MATURED AND PAID IN 1940

From Water Department receipts	\$57,500 00
--------------------------------	-------------

BORROWING CAPACITY DECEMBER 31, 1940

Section 10, Chapter 44, General Laws provides "... a city shall not authorize indebtedness to an amount exceeding two and one-half per cent on the average of the assessors' valuation of taxable property for the three preceding years. . . ." "All debts, except those expressly authorized by law to be incurred outside the debt limit, shall be reckoned in determining the limit of indebtedness. . . ."

The average valuation for 1937-1938-1939 reported by the assessors. . . . \$175,353,526 66

Two and one-half per cent	\$4,383,838 16
Net debt inside limit outstanding December 31, 1940	4,057,050 00
Borrowing capacity December 31, 1940	\$326,788 16

CITY INCOME

MAINTENANCE AND OPERATION

TAXES

Taxes:

Property:

Levy 1925.....	\$6 50	
Levy 1926.....	6 66	
Levy 1927.....	6 32	
Levy 1928.....	6 28	
Levy 1929.....	6 54	
Levy 1930.....	7 14	
Levy 1931.....	6 78	
Levy 1932.....	2,589 63	
Levy 1933.....	2,546 00	
Levy 1934.....	6,136 46	
Levy 1935.....	13,933 03	
Levy 1936.....	27,088 51	
Levy 1937.....	32,377 07	
Levy 1938.....	310,489 53	
Levy 1939.....	1,199,632 58	
Levy 1940.....	5,826,292 67	
		\$7,421,131 70

Polls:

Levy 1935.....	\$6 00	
Levy 1936.....	4 00	
Levy 1937.....	10 00	
Levy 1938.....	64 00	
Levy 1939.....	9,976 75	
Levy 1940.....	31,328 00	
		41,388 75

Motor Vehicle Excise:

Levy 1936.....	\$7 01	
Levy 1937.....	42 93	
Levy 1938.....	443 14	
Levy 1939.....	21,076 24	
Levy 1940.....	164,244 45	
		185,813 77

From Commonwealth:

Income Tax.....	\$450,109 92	
Corporation Tax.....	249,305 41	
Corporation Tax (Gas, Electric, Water).....	273,046 32	
Highway Fund (Ch. 504, Acts 1939).....	241,906 83	
		1,214,368 48

In Lieu of Taxes.....	22,446 60	
Redemption of Tax Titles.....	32,473 92	
Sale of Tax Possessions.....	3,785 00	

Amount carried forward..... \$8,921,408 22

Maintenance and Operation — Continued

Amount brought forward \$8,921,408 22

LICENSES AND PERMITS

Dance and entertainment.....	\$1,317 84
Elevator operator.....	269 00
Guides.....	17 00
Milk and pasteurizing.....	507 50
Oleomargarine.....	39 50
Fees from Commonwealth.....	475 00
Building.....	4,880 75
Electrical.....	3,721 91
Firearms (to carry).....	143 50
Fireworks.....	24 00
Gasoline swing arm.....	58 00
Marriage.....	3,466 00
Street sign.....	80 00
Fire.....	446 50
Sidewalk.....	23 00
Dump.....	1,645 00

Licenses issued by Board of Health:

Barber shop.....	\$3 00
Beauty parlor, manicure, masseur...	36 00
Beverage.....	50 00
Denatured alcohol.....	23 00
Ice cream manufacturer.....	451 00
Vapor.....	5 00
Refuse registration.....	76 00

644 00

17,758 50

Issued by License Commission:

Auctioneer.....	\$50 00
Badges.....	113 10
Barrel and box dealer.....	55 50
Billiard and pool.....	222 00
Bowling alley.....	208 00
Carriage and wagon.....	81 00
Certified copies.....	13 50
Common victualler.....	1,970 00
Driver.....	93 50
Firearms (to sell).....	6 20
Garage and gasoline.....	733 00
Intelligence office.....	48 00
Junk stores and collectors.....	1,230 00
Lodging house.....	894 00
Lord's day.....	1,380 00
Merry-go-round.....	2 00
Minors.....	5 00
Motor vehicles for hire.....	30 00
Open air carnival.....	7 00
Open air parking.....	75 00
Pawnbroker.....	400 00
Peddler.....	368 00
Skating rink.....	50 00
Soft drinks.....	4 00
Stands.....	85 00

Amounts carried forward..... \$8,123 80 \$8,939,166 72

Maintenance and Operation — Continued

Amounts brought forward \$8,123 80 \$8,939,166 72

LICENSES AND PERMITS—Concluded

Transient vendor	75 00	
Used car dealer	2,400 00	
One day beer	191 00	
Wines and malt beverages	25,520 00	
All alcoholic	131,700 00	
		168,009 80

COURT FINES

Middlesex County House of Correction	\$456 00	
Third District Court	6,774 26	
		7,230 26

GRANTS AND GIFTS

From Commonwealth:		
Maintenance of Vocational Schools	\$17,012 91	
English speaking classes	3,873 00	
Smith Hughes Fund	1,709 99	
Old Age Assistance — Federal Grant	269,021 79	
Old Age Assistance Administration — Federal Grant	9,014 53	
Aid to Dependent Children (Mothers' Aid) — Federal Grant	72,726 19	
Aid to Dependent Children Administration — Federal Grant	2,385 71	
From County:		
Dog licenses	2,297 45	
From Individuals:		
Trustees Hopkins Fund	779 62	
Trustees Kinnear Fund	195 00	
Trustees Bullock Fund	874 96	
		379,891 15

EXECUTIVE

Telephone tolls	\$2 95	
Rent	1 00	
		3 95

TREASURY

Advertising	\$190 65	
Affidavit	57 75	
Certificates of lien	380 00	
Deed and description	38 90	
Demand	2,068 35	
Examination of title	126 00	
Preparing and posting	90 00	
Recording deed	103 90	
Releases	71 00	
Statutory fees	63 00	
Telephone tolls	2 25	
Service of warrant	50	
Summons	40	
		3,192 70
Amount carried forward		\$9,497,494 58

Maintenance and Operation — Continued

Amount brought forward \$9,497,494 58

CITY CLERK

Business certificates.....	\$62 00	
Certified copies.....	734 81	
Chiropody certificates.....	50	
Dog license fees.....	270 10	
Married women's certificates.....	4 25	
Mortgages.....	3,098 67	
Optometry.....	1 00	
Physicians' certificates.....	2 50	
Sporting license fees.....	336 00	
Slaughter house.....	2 00	
Reporting congenital deformities.....	7 00	
		4,518 83

LAW

Reimbursement.....		128 00
--------------------	--	--------

ENGINEERING

Sale of maps.....		20 90
-------------------	--	-------

BUILDING

Rent.....	\$488 50	
Sale of supplies.....	9 50	
		498 00

POLICE

Damages.....	\$5 00	
Service of officers.....	5,292 00	
Telephone tolls.....	3 70	
		5,300 70

FIRE

Damages.....	\$296 00	
Sale of used equipment.....	6 00	
		302 00

SEALER OF WEIGHTS AND MEASURES

Sealing fees.....		1,348 98
-------------------	--	----------

ELECTRICAL

Damage to traffic signals.....		351 64
--------------------------------	--	--------

HEALTH

Care in Tuberculosis Hospital:		
Commonwealth.....	\$188 57	
Cities and towns.....	223 50	
Individuals.....	312 50	
		\$724 57
Other Contagious Diseases:		
Commonwealth.....	\$13,568 00	
Cities and towns.....	982 00	
Individuals.....	328 00	
		14,878 00
Dog bite — reimbursement from county..	\$34 50	
Dental clinics.....	641 50	
		676 00
		16,278 57
Amount carried forward.....		\$9,526,242 20

Maintenance and Operation — *Continued*

<i>Amount brought forward</i>		\$9,526,242 20	
SEWER			
Sale of material	\$10 00		
Sale of junk	5 00		
Rent	96 00		
			111 00
STREET			
Damages	\$348 00		
Sale of offal	17,402 30		
Drain construction	10 00		
Repairing pavement	1,021 02		
Driveways	1,992 76		
Sale of material	8 63		
Reimbursement	1,211 64		
			21,994 35
BOSTON AND CAMBRIDGE BRIDGES			
Reimbursement			6 20
PUBLIC WELFARE			
CITY INFIRMARY			
Individuals			3,081 25
OUTSIDE AID			
Cities and towns	\$34,236 71		
Commonwealth	217,288 74		
Individuals	9 00		
Reimbursements	2,330 00		
Aid to Dependent Children (Mothers' Aid):			
Commonwealth	\$79,366 38		
Reimbursements	56 00		
		79,422 38	
Old Age Assistance:			
Commonwealth	\$181,248 65		
Cities and towns	6,135 28		
Reimbursements	1,068 29		
		188,452 22	
			521,739 05
MUNICIPAL HOSPITAL			
Individuals	\$75,593 56		
Sale of used equipment	60 24		
Reimbursement	86 32		
			75,740 12
SOLDIERS' BENEFITS			
Soldiers' Relief	\$16 00		
Soldiers' Burials	400 00		
State Aid	12,380 75		
Reimbursements	315 00		
			13,111 75
<i>Amount carried forward</i>			\$10,162,025 92

Maintenance and Operation — Continued

Amount brought forward \$10,162,025 92

MUNICIPAL PENSIONS

Commonwealth, reimbursement teachers' retirement 1,000 00

SCHOOL

Sight saving	\$1,032 00
Tuition of State wards	4,922 30
Tuition of minor wards	315 98
Tuition of non-resident pupils:	
Continuation School	\$49 40
Elementary School	63 10
High and Latin School	350 00
Rindge Technical School	1,179 50
Rindge Evening Industrial School	333 30
	1,975 30

Sale of food:

High and Latin School	\$9,019 02
Rindge Technical School	14,580 32
	23,599 34

Fines and damages	16 18
Minors' licenses and badges	38 00
Sunday licenses for basketball games	2 00
Rental of halls	1,120 26
Sale of sanitary supplies	17 65
Telephone tolls	62 40
Sale of material — Rindge Technical School	55 37
Sale of material — Rindge Evening School	7 65
Sale of used equipment	5 00
Sale of books	86 95
	33,256 38

LIBRARY

Fines	\$633 70
Sale of used equipment	6 95
	640 65

PARK

Forestry	\$ 38
Rent of Russell Field	30 00
Rent of bandstand	7 50
Golf course	4,939 85
Telephone tolls	1 15
Sale of shade trees	25 00
Use of towels:	
Cambridge Field Baths	\$20 50
Corporal Burns Playground Baths	114 05
Rindge Field Baths	472 75
Russell E. Hoyt Field Baths	282 30
	889 60

5,893 48

Amount carried forward \$10,202,816 43

Maintenance and Operation — Continued

Amount brought forward \$10,202,816 43

PUBLIC BATHS

Use of towels:

Fletcher School	\$242 10
Haggerty School	109 05
Roberts School	281 60
Thorndike School	168 35

801 10

CEMETERY

Burial fees, care, etc.	\$17,172 76
Sale of lots and graves	14,755 10
Income from perpetual care fund	7,675 69

39,603 55

INDUSTRIAL COMMISSION

Rent of land 450 00

INTEREST

Accrued, general loans	\$383 72
On deposit	16 33
Special assessments	21 23
Taxes	43,239 34
Tax title redemptions	2,928 58

46,589 20

PREMIUMS

Bond issues, general loans 2,487 50

MATURING DEBT

From sinking funds to pay maturing debt 336,000 00

LOANS

Temporary loans in anticipation of revenue	\$5,200,000 00
Municipal relief	756,000 00
Incinerator maintenance	25,000 00
Tuberculosis hospital maintenance	29,000 00

6,010,000 00

INCOME — TRUST FUNDS

Thierry Fund	\$7 39
Bridge Fund	60 79
Russell Fund	16 28
Callanan Fund	40 00
Kingman Fund	42 50
Harding Fund	25 00
Citizens' Subscription Fund	135 00
Cummings Fund	50 00
Fay Fund	20 00
Carrie Saunders Fund	25 00
William Saunders Fund	175 00
Woolson Fund	125 00
Citizen of Cambridge Fund	163 00
Whorf Fund	165 43
Howe Fund	75 00
Murdock Fund	40 00
Freese Fund	3 32
Sanders Temperance Fund	600 00
Hardy Fund	9 00

1,777 71

Amount carried forward \$16,640,525 49

Maintenance and Operation — *Concluded*

Amount brought forward \$16,640,525 49

MISCELLANEOUS

Telephone exchange — tolls	\$8 45	
Commissions, telephone pay stations	25 55	
Reimbursement, damage to city property	4,100 00	
W.P.A. Sewing project	20 00	
		4,154 00

REFUNDS OF PRIOR EXPENDITURES

Municipal pensions	\$102 14	
Street maintenance	238 20	
Fire	34 29	
Park maintenance	16 35	
Law	575 20	
Outside Aid	9,937 67	
School	161 55	
Soldiers' Benefits	1,370 50	
City Physician	100 00	
Library	15 00	
Old Age Assistance	857 72	
Treasury (WPA 65-1-652)	70 00	
Park-Recreation (WPA 465-14-2-984)	18	
Purchasing	7 50	
Treasury	1,170 14	
Aid to dependent children	427 57	
Street sanitary	1,693 10	
Police	4,358 02	
Park playgrounds	33 60	
Election commission	9 00	
Park-Golf Course	6 45	
City Home	50 61	
Telephone exchange	300 00	
		21,534 79
<i>Total Receipts, Maintenance and Operation</i>		11,466,214 28
<i>Borrowings in anticipation of receipts</i>		5,200,000 00

TEMPORARY ACCOUNTS

TRUST AND INVESTMENT FUNDS

Cemetery perpetual care fund deposits	\$3,903 75	
Retirement System payroll deductions	54,966 26	
Deed in trust	10 00	
		58,880 01

GUARANTEE DEPOSITS

Purchasing Department	\$7,975 00	
Executive Department	100 00	
Election Commission	400 00	
City Hospital	500 00	
Municipal Buildings	5,252 64	
Street Department	2,100 00	
School Department	2,150 00	
Water Department	3,100 00	
<i>Amounts carried forward</i>	\$21,577 64	\$16,725,094 29

Temporary Accounts — Concluded

Amounts brought forward \$21,577 64 \$16,725,094 29

GUARANTEE DEPOSITS — Concluded

Park Department	950 00	
Electrical Department	200 00	
Welfare Department	600 00	
Fire Department	600 00	
Sewer Department	200 00	
Health — Tuberculosis Hospital	100 00	
		24,227 64
Departmental:		
Plans	\$35 00	
Driveway	3,000 00	
License	154,515 10	
Street opening	320 00	
Park	220 00	
Sidewalk	3,293 68	
		161,383 78
Refund — License		14,567 20

AGENCY

Defense Training Program	\$7,655 84	
City Clerk, dog licenses	2,764 80	
City Clerk, hunting and fishing licenses	2,509 25	
Constables' fees	955 38	
Deposits in lieu of bonds	1,300 00	
Cambridge Retirement System refunds	5,902 46	
Tax titles held by individuals	375 44	
Teachers' retirement system	64,624 74	
City of Boston, retirement system	62 40	
Health for Commonwealth	50 00	
Constable — Armand Tufenkjian	41 00	
City Home	29 89	
Gregg	75 00	
		86,346 20
Refund — Cemetery perpetual care fund deposit		30 00
Total Receipts, Temporary Accounts		345,434 83

MUNICIPAL ENTERPRISE

WATER

Metered rates	\$505,696 54	
Annual rates	2,798 19	
Miscellaneous charges	11,036 69	
		519,531 42

REFUNDS OF PRIOR EXPENDITURES

General maintenance	\$9 05	
Pumping	1,700 00	
		1,709 05
Total Receipts, Municipal Enterprise		521,240 47
Amount carried forward		\$17,532,889 58

Amount brought forward \$17,532,889 58

OUTLAYS

LOANS

Sewer construction.....	\$250,000 00	
Street construction.....	600,000 00	
		850,000 00

SEWER ASSESSMENTS RESERVED FOR SEWER CONSTRUCTION

Apportioned sewer, paid in advance.....	\$368 51	
Unapportioned.....	987 55	
Added to taxes 1938.....	48 13	
Added to taxes 1939.....	231 95	
Added to taxes 1940.....	672 41	
Committed interest.....	403 62	
		2,712 17

SEWER REVENUE FOR SEWER CONSTRUCTION

Town of Belmont — Blanchard Road.....	7,500 00
---------------------------------------	----------

SIDEWALK ASSESSMENTS RESERVED FOR SIDEWALK CONSTRUCTION

Unapportioned.....	\$3,681 99	
Added to taxes 1937.....	127 40	
Added to taxes 1938.....	6 74	
Added to taxes 1939.....	137 39	
Added to taxes 1940.....	87 99	
Committed interest.....	68 38	
		4,109 89

SIDEWALK REVENUE RESERVED
FOR SIDEWALK CONSTRUCTION

Sundry persons for material.....	861 66
----------------------------------	--------

STREET CONSTRUCTION REVENUE
FOR STREET CONSTRUCTION

From Commonwealth:		
Construction of Mount Auburn Street Extension — 6532a.....	\$3,010 08	
Construction of Huron Avenue — 6118.....	489 37	
		3,499 45

REFUNDS OF PRIOR EXPENDITURES

Sewer construction.....	680 10
-------------------------	--------

PWA — GRANTS FOR BUILDING CONSTRUCTION

Library Building, PWA Docket No. 1453-F.....	\$553 79	
Municipal Garage, PWA Docket No. 1442-F.....	17,500 00	
Webster School, PWA Docket No. 1463-F.....	21,669 11	
Maternity Building, PWA Docket No. 1452-F.....	37,740 37	
Municipal Incinerator, PWA Docket No. 1443-F..	28,895 68	
High and Latin School, PWA Docket No. 1441-F .	140,000 00	
Tuberculosis Hospital, PWA Docket No. 1416-F ..	28,409 25	
Bridge Repairs, PWA Docket No. 1612-F.....	10,579 94	
City of Cambridge, PWA Docket No. 1452-F, additional appropriation.....	2,596 75	
		287,944 89

Amount carried forward \$18,690,197 74

Outlays — Concluded

Amount brought forward \$18,690,197 74

REFUNDS OF PRIOR EXPENDITURES

Maternity Building, PWA Docket No. 1452-F. \$320 66

Webster School, PWA Docket No. 1463-F, ... 304 10

624 76

Total Receipts, Outlays 1,157,932 92

Total income \$18,690,822 50

Cash balance, January 1, 1940 1,234,579 22

\$19,925,401 72

PAYMENTS

MAINTENANCE AND OPERATION

GENERAL GOVERNMENT

CITY COUNCIL

Personal Service:

Permanent employees \$7,500 00

Supplies:

Food 2,378 00

\$9,878 00

CLERK OF COMMITTEES

Personal Service:

Permanent employees \$7,401 86

Service other than Personal:

Printing and binding \$4 00

Postage 28 00

Service not otherwise coded 10 00

42 00

Supplies:

Office 56 15

7,500 01

EXECUTIVE

Personal Service:

Permanent employees \$18,824 67

Service other than Personal:

Printing and binding \$313 75

Postage 98 00

Advertising and posting 6 75

Rentals 172 00

Motor vehicle, repairs and care 63 60

Fees 3 00

Service not otherwise coded 39 00

696 10

Equipment:

Motor vehicle 2,040 00

Amounts carried forward \$21,560 77 \$17,378 01

General Government — Continued

Amounts brought forward \$21,560 77 \$17,378 01

EXECUTIVE — Concluded

Supplies:			
Office	\$206 40		
Motor vehicle, gasoline and oil	604 98		
Motor vehicle, parts	78 10		
		889 48	
			22,450 25
WPA Administration in Executive Department:			
Employees	\$38,156 19		
Expenses:			
Office supplies	\$2,332 97		
First aid supplies	146 00		
Repairs to plumbing and win-			
dows at Taylor School	305 56		
		2,784 53	
			40,940 72

AUDITING

Personal Service:			
Permanent employees	\$15,438 02		
Service other than Personal:			
Printing and binding	\$77 00		
Rentals	68 00		
Service not otherwise coded	69 85		
		214 85	
Equipment:			
Office	282 40		
Supplies:			
Office	646 10		
			16,581 37

BUDGET

Personal Service:			
Permanent employee	\$3,000 00		
Service other than Personal:			
Printing and binding	\$726 50		
Advertising and posting	6 00		
		732 50	
Supplies:			
Office	5 90		
			3,738 40

TREASURY

Personal Service:			
Permanent employees	\$42,933 00		
Temporary employees	,1535 00		
Collection of departmental bills	584 93		
		\$45,052 93	
Amounts carried forward	\$45,052 93		\$101,088 75

General Government — Continued

Amounts brought forward \$45,052 93 \$101,088 75

TREASURY — Concluded

Service other than Personal:

Printing and binding	\$113 00	
Postage	3,008 39	
Advertising and posting	267 00	
Cartage and freight	7 63	
Certification of revenue notes	975 00	
Rentals	392 00	
Insurance	50 00	
Premium on surety bond	1,724 32	
Communication	263 46	
Motor vehicle, repairs and care	1 00	
Fees	93 00	
Service not otherwise coded	72 10	
		6,966 90

Supplies:

Office	\$1,743 56	
Motor vehicle, gasoline and oil	79 63	
Supplies not otherwise coded	8 40	
Motor vehicle, parts	48 42	
		1,880 01

53,899 84

ADMINISTRATION OF SINKING FUNDS

Personal Service:

Permanent employees	\$600 00
-------------------------------	----------

Service other than Personal:

Rentals	40 00
-------------------	-------

640 00

ASSESSING

Personal Service:

Permanent employees	\$20,861 26	
Temporary employees	6,099 00	
		\$26,960 26

Service other than Personal:

Printing and binding	\$59 30	
Postage	91 00	
Transportation of persons	332 60	
Rentals	108 00	
Expert	494 94	
Service not otherwise coded	16 00	
Travel outside of state	134 30	
		1,236 14

Equipment:

Office	137 52
------------------	--------

Supplies:

Office	1,004 96
------------------	----------

29,338 88

Amount carried forward \$184,967 47

General Government — Continued

Amount brought forward \$184,967 47

LICENSE COMMISSION

Personal Service:			
Permanent employees.....		\$5,152 00	
Service other than Personal:			
Postage.....	\$30 00		
Service not otherwise coded.....	8 00		
			38 00
Supplies:			
Office.....	\$191 30		
Badges.....	39 50		
			230 80
			5,420 80

POLE AND CONDUIT COMMISSION

Service other than Personal:		
Postage.....		4 50

CITY CLERK

Personal Service:			
Permanent employees.....		\$17,900 00	
Service other than Personal:			
Printing and binding.....	\$188 60		
Postage.....	234 50		
Advertising and posting.....	697 84		
Transportation of persons.....	20 00		
Rentals.....	48 00		
Premium on surety bond.....	45 00		
Fees.....	491 91		
Service not otherwise coded.....	7 69		
			1,733 54
Equipment:			
Office.....			51 38
Supplies:			
Office.....			495 83
			20,180 75

CITY MESSENGER

Personal Service:			
Permanent employee.....		\$3,200 00	
Service other than Personal:			
Postage.....	\$6 00		
Transportation of persons.....	13 00		
			19 00
Supplies:			
Office.....			48 20
			3,267 20
Amount carried forward.....			\$213,840 72

General Government — *Continued*

Amount brought forward \$213,840 72

LAW

Personal Service:

Permanent employees.....	\$11,616 00	
Temporary employees.....	45 00	
		\$11,661 00

Service other than Personal:

Printing and binding.....	\$197 60	
Postage.....	43 00	
Transportation of persons.....	45 48	
Light and power.....	26 90	
Rentals.....	723 00	
Communication.....	182 46	
Cleaning.....	84 00	
Fees.....	4,944 94	
Photographic and blueprinting.....	166 21	
Service not otherwise coded.....	9 20	
		6,422 79

Supplies:

Office.....	\$158 55	
Library.....	69 00	
		227 55

18,311 34

ELECTION COMMISSION

Personal Service:

Permanent employees.....	\$10,913 74	
Temporary employees.....	15,203 57	
		\$26,117 31

Service other than Personal:

Printing and binding.....	\$3,480 25	
Postage.....	263 00	
Advertising and posting.....	189 31	
Transportation of persons.....	273 00	
Cartage and freight.....	1,971 50	
Rentals.....	760 00	
Communication.....	109 32	
Service not otherwise coded.....	182 54	
		7,228 92

Supplies:

Office.....	\$242 73	
Supplies not otherwise coded.....	60 62	
		303 35

33,649 58

ENGINEERING

Personal Service:

Permanent employees.....	\$27,656 00	
Temporary employees.....	348 50	
		\$28,004 50

<i>Amounts carried forward</i>	\$28,004 50	\$265,801 64
--------------------------------------	-------------	--------------------

General Government — Continued

Amounts brought forward \$28,004 50 \$265,801 64

ENGINEERING — Concluded

Service other than Personal:

Printing and binding	\$25 00	
Postage	4 50	
Transportation of persons	2 60	
Rentals	70 00	
Motor vehicle, repairs and care	1 50	
Fees	2 00	
Photographic and blueprinting	21 25	
Services not otherwise coded	8 00	
		134 85

Equipment:

Furniture and fittings		11 00
----------------------------------	--	-------

Supplies:

Office	\$107 00	
Motor vehicle, gasoline and oil	40 90	
Supplies not otherwise coded	2 65	
Motor vehicle, parts	8 95	
		159 50

Special Items:

Assessors' plans		86 80
----------------------------	--	-------

28,396 65

INSPECTION OF BUILDINGS

Personal Service:

Permanent employees	\$22,108 00	
-------------------------------	-------------	--

Service other than Personal:

Printing and binding	\$5 00	
Postage	31 50	
Transportation of persons	100 00	
Rentals	52 00	
Motor vehicle, repairs and care	42 00	
Fees	4 00	
Service not otherwise coded	5 95	
		240 45

Supplies:

Office	\$182 78	
Motor vehicle, gasoline and oil	111 94	
Supplies not otherwise coded	2 95	
Motor vehicle, parts	56 49	
		354 16

22,702 61

MUNICIPAL BUILDINGS

Personal Service:

Permanent employees	\$32,438 00	
Temporary employees	5 00	
		\$32,443 00

Service other than Personal:

Cartage and freight	\$1 76	
Light and power	4,806 21	
Service not otherwise coded	911 40	
Laundrying towels	88 58	
		5,807 95

Amounts carried forward \$38,250 95 \$316,900 90

General Government — *Concluded*

Amounts brought forward..... \$38,250 95 \$316,900 90

MUNICIPAL BUILDINGS — *Concluded*

Supplies:

Fuel.....	\$4,984 13	
Laundry, cleaning.....	246 55	
Chemicals and disinfectants.....	6 25	
Supplies not otherwise coded.....	1,275 99	
		6,512 92

Special Items:

Elevator inspection service.....	\$30 00	
Repairing fire damage to municipal building at Western Avenue and Green Street.....	1,972 00	
		2,002 00

46,765 87

PROTECTION OF LIFE AND PROPERTY

POLICE

Personal Service:

Permanent employees.....	\$521,005 32
--------------------------	--------------

Service other than Personal:

Printing and binding.....	\$22 00	
Postage.....	314 98	
Advertising and posting.....	13 00	
Cartage and freight.....	59	
Light and power.....	1,538 10	
Communication.....	2,651 77	
Motor vehicle, repairs and care.....	91 60	
Stenographic.....	15 00	
Fees.....	6 00	
Service not otherwise coded.....	37 20	
		4,690 24

Equipment:

Auto tools, workshop, etc.....	\$56 32	
Accident investigation equipment...	95 60	
Wearing apparel.....	1,200 25	
Regalia.....	227 83	
		1,580 00

Supplies:

Office.....	\$1,198 24	
Food for prisoners.....	146 45	
Laundry, cleaning.....	72 09	
Motor vehicle, gasoline and oil.....	5,376 04	
Supplies not otherwise coded.....	173 49	
Motor vehicle, parts.....	1,326 88	
		8,293 19

535,568 75

Amount carried forward..... \$899,235 52

Protection of Life and Property — Continued

Amount brought forward \$899,235 52

FIRE

Personal Service:

Permanent employees..... \$515,048 50

Service other than Personal:

Postage..... \$5 00
 Advertising and posting..... 6 75
 Cartage and freight..... 11 19
 Light and power..... 1,982 43
 Communication..... 48 75
 Motor vehicle, repairs and care.... 174 44
 Boiler inspection..... 40 00
 Service not otherwise coded..... 78 35

2,346 91

Equipment:

Tools and instruments..... \$15 23
 Wearing apparel..... 2,205 60
 Equipment not otherwise coded.... 2,259 17

4,480 00

Supplies:

Office..... \$266 30
 Fuel..... 5,015 78
 Medical..... 31 78
 Laundry, cleaning..... 1,340 15
 Motor vehicle, gasoline and oil.... 1,871 69
 Chemicals and disinfectants..... 304 72
 Supplies not otherwise coded..... 1,741 57
 Motor vehicle, parts..... 2,164 79

12,736 78

Special Items:

Building repairs..... 79 42

534,691 61

ELECTRICAL

Personal Service:

Permanent employees..... \$58,280 00

Service other than Personal:

Postage..... \$9 50
 Transportation of persons..... 117 00
 Light and power..... 303 25
 Communication..... 1,034 66
 Motor vehicle, repairs and care.... 42 25
 Fees..... 10 00
 Service not otherwise coded..... 8 62
 Radio repairs..... 194 98

1,720 26

Equipment:

Apparatus, cable, wire..... \$213 33
 Tools and instruments..... 32 44

245 77

Amounts carried forward..... \$60,246 03 \$1,433,927 13

Protection of Life and Property — Continued

Amounts brought forward \$60,246 03 \$1,433,927 13

ELECTRICAL — Concluded

Supplies:

Office	\$98 25	
Motor vehicle, gasoline and oil	437 19	
Supplies not otherwise coded	477 17	
Motor vehicle, parts	121 94	
Radio	1,714 67	
		2,849 22

Materials:

Electrical	100 29	
		63,195 54

STREET LIGHTING AND TRAFFIC SIGNALS

Service other than Personal:

Lighting streets	\$155,388 36	
----------------------------	--------------	--

Electrical Traffic Signals:

Current for traffic signals and spot-		
lights	\$4,362 32	
Lamp renewals	125 28	
Signal repairs	261 35	
		4,748 95
		160,137 31

SEALER OF WEIGHTS AND MEASURES

Personal Service:

Permanent employees	\$10,140 00	
-------------------------------	-------------	--

Service other than Personal:

Postage	\$6 30	
Advertising and posting	2 50	
Transportation of persons	4 00	
Communication	54 75	
Motor vehicle, repairs and care	23 75	
Fees	6 00	
Service not otherwise coded	4 00	
		101 30

Equipment:

Tools and instruments	54 05	
---------------------------------	-------	--

Supplies:

Office	\$59 20	
Laundry, cleaning	8 92	
Motor vehicle, gasoline and oil	76 85	
Supplies not otherwise coded	5 43	
Motor vehicle, parts	57 72	
		208 12

Special Items:

Purchases for evidence	8 40	
		10,511 87

Amount carried forward		\$1,667,771 85
----------------------------------	--	----------------

Protection of Life and Property — Continued

Amount brought forward \$1,667,771 85

PARK — FORESTRY

Personal Service:

Permanent employees..... \$18,399 38

Service other than Personal:

Postage.....	\$2 70	
Advertising.....	4 50	
Cartage and freight.....	50	
Motor vehicle, repairs and care.....	53 50	
Service not otherwise coded.....	11 36	
Overhauling spraying machines.....	40 65	
		113 21

Supplies:

Office.....	\$11 60	
Motor vehicle, gasoline and oil.....	111 54	
Chemicals and disinfectants.....	155 67	
Supplies not otherwise coded.....	176 50	
Motor vehicle, parts.....	135 25	
		590 56

19,103 15

HEALTH AND SANITATION

HEALTH — GENERAL MAINTENANCE

Personal Service:

Medical inspectors.....	\$3,500 00
Sanitary inspectors.....	7,820 00
Inspectors of provisions and slaughtering.....	8,905 00
Housing inspector.....	2,700 00
Office employees.....	7,508 00
Social worker.....	1,900 00
School physicians and school nurses	20,816 08
Infant welfare nurses.....	6,767 49
T. B. Dispensary physician and nurses.....	3,467 76
Contagious nurses.....	3,034 98
Schick testing physician.....	1,500 00
Clinic nurse.....	1,700 00

\$69,619 31

Temporary employees..... 88 00

\$69,707 31

Service other than Personal:

Printing and binding.....	\$87 50	
Postage.....	250 00	
Transportation of persons.....	925 00	
Rental.....	52 00	
Communication.....	135 38	
Motor vehicle, repairs and care.....	34 75	
Care of persons.....	20,479 46	
Fees.....	10 62	
Service not otherwise coded.....	25 75	
		22,000 46

Amounts carried forward \$91,707 77 \$1,686,875 00

Health and Sanitation — *Continued*

Amounts brought forward \$91,707 77 \$1,686,875 00

HEALTH — GENERAL MAINTENANCE — *Concluded*

Supplies:

Office	\$320 13	
Motor vehicle, gasoline and oil	153 39	
Supplies not otherwise coded	5 50	
Motor vehicle, parts	97 50	
		576 52

Special Items:

Examination of school children	\$4,295 20	
Infant welfare	43 35	
Schick clinics	33 90	
T. B. Dispensary	13 70	
School inspection	92 20	
Eyeglasses for needy school children	1,278 48	
		5,756 83

98,041 12

TUBERCULOSIS HOSPITAL

Personal Service:

Permanent employees	\$52,241 71	
Temporary employees	1,598 63	
		\$53,840 34

Service other than Personal:

Postage	\$25 00	
Cartage and freight	20 75	
Light and power	3,252 80	
Communication	343 74	
Medical	2,877 75	
Extermination of insects	35 00	
Boiler inspection	30 00	
Service not otherwise coded	131 95	
		6,716 99

Equipment:

Electrical	\$9 00	
X-ray equipment	300 69	
Sanitary	155 95	
Equipment not otherwise coded	8 95	
		474 59

Supplies:

Office	\$230 10	
Food and ice	25,236 13	
Fuel	7,259 45	
Medical, surgical, laboratory	2,208 17	
Laundry, cleaning	640 07	
Educational and recreational	327 62	
Supplies not otherwise coded	1,273 40	
Bedding and linen	446 42	
Engine and fire room	248 42	
X-ray supplies	934 36	
		38,804 14

Special Items:

Workingmen's compensation	487 19	
		100,323 25

Amount carried forward \$1,885,239 37

Health and Sanitation — Continued

Amount brought forward \$1,885,239 37

LABORATORY

Personal Service:

Permanent employees \$7,100 00
Temporary employees 35 00

\$7,135 00

Service other than Personal:

Postage \$10 00
Transportation of persons 10 00
Cartage and freight 26
Motor vehicle, repairs and care 18 25
Fees 2 00

40 51

Supplies:

Office \$62 40
Medical, surgical, laboratory 99 53
Motor vehicle, gasoline and oil 39 50
Motor vehicle, parts 9 55

210 98

7,386 49

DENTAL CLINICS

Personal Service:

Permanent employees \$14,680 00
Temporary employees 216 00

\$14,896 00

Service other than Personal:

Service not otherwise coded 18 35

Supplies:

Office supplies \$8 50
Medical, surgical, laboratory 649 95

658 45

15,572 80

INSPECTION OF ANIMALS

Personal Service:

Permanent employees \$2,000 00

Special Items:

Supplies for anti-rabic treatment 67 20

2,067 20

SEWER MAINTENANCE

Personal Service:

Permanent employees \$31,964 77
Unclassified 554 75

\$32,519 52

Service other than Personal:

Printing and binding \$4 00
Postage 2 70
Advertising and posting 15 00
Light and power 81 12
Communication 91 62
Motor vehicle, repairs and care 53 30
Medical 71 35
Fees 24 00
Service not otherwise coded 9 70

352 79

Amounts carried forward \$32,872 31 \$1,910,265 86

Health and Sanitation — Continued

Amounts brought forward..... \$32,872 31 \$1,910,265 86

SEWER MAINTENANCE — Concluded

Equipment:			
Apparatus, cable, wire.....	\$44 44		
Wearing apparel.....	22 20		
		66 64	
Supplies:			
Office.....	\$63 56		
Fuel.....	160 94		
Medical.....	8 56		
Motor vehicle, gasoline and oil.....	168 52		
Chemicals and disinfectants.....	3 25		
Supplies not otherwise coded.....	58 12		
Motor vehicle, parts.....	517 28		
		980 23	
Materials:			
Sewer.....		93 84	
Special Items:			
Workingmen's compensation.....		210 85	
			34,223 87

STREET SANITARY

Personal Service:			
Permanent employees.....	\$192,735 41		
Service other than Personal:			
Hire of auto trucks.....	\$883 50		
Motor vehicle, repairs and care.....	528 63		
Medical.....	692 93		
Fees.....	89 00		
		2,194 06	
Supplies:			
Motor vehicle, gasoline and oil.....	\$5,565 71		
Supplies not otherwise coded.....	125 32		
Motor vehicle, parts.....	2,837 25		
		8,528 28	
Special Items:			
Workingmen's compensation.....		1,346 11	
			204,803 86

HIGHWAYS AND BRIDGES

STREET MAINTENANCE

Personal Service:			
Permanent employees.....	\$235,208 02		
Temporary employees.....	960 00		
		\$236,168 02	
Amounts carried forward.....	\$236,168 02	\$2,149,293 59	

Highways and Bridges — *Continued*

Amounts brought forward \$236,168 02 \$2,149,293 59

STREET MAINTENANCE — *Concluded*

Service other than Personal:

Printing and binding	\$6 00	
Postage	22 50	
Advertising and posting	17 50	
Cartage and freight	4 65	
Hire of trucks	1,891 50	
Light and power	1,543 01	
Motor vehicle, repairs and care	441 47	
Removal of snow	149,300 99	
Medical	1,172 51	
Fees	68 00	
Boiler inspection	31 00	
Service not otherwise coded	220 83	
		154,719 96

Equipment:

Tools and instruments		291 32
---------------------------------	--	--------

Supplies:

Office	\$476 00	
Fuel	142 11	
Medical	32 95	
Motor vehicle, gasoline and oil	6,335 68	
Supplies not otherwise coded	3,051 74	
Motor vehicle, parts	3,922 72	
		13,961 20

Materials:

Building	\$37 50	
Street	1,896 74	
Bridge	449 60	
		2,383 84

Special Items:

Reconstruction of streets (WPA		
Project No. 465-14-1-479)	\$9,001 10	
Workingmen's compensation	3,776 19	
		12,777 29

420,301 63

STREET SHOP AND GARAGE

Personal Service:

Permanent employees	\$33,073 20	
-------------------------------	-------------	--

Service other than Personal:

Cartage and freight	\$ 25	
Light and power	1,082 15	
Communication	645 04	
Service not otherwise coded	27 96	
		1,755 40

Supplies:

Fuel	\$1,861 70	
Supplies not otherwise coded	239 66	
		2,101 36

36,929 96

Amount carried forward \$2,606,525 18

Highways and Bridges — *Concluded*

Amount brought forward \$2,606,525 18

STREET INCINERATOR

Personal Service:

Permanent employees..... \$12,248 50

Service other than Personal:

Light and power..... \$1,683 29

Communication..... 82 96

Service not otherwise coded..... 10 08

1,776 33

Supplies:

Fuel..... \$902 75

Supplies not otherwise coded..... 16 37

919 12

14,943 95

BOSTON AND CAMBRIDGE BRIDGES

Personal Service:

Permanent employees..... \$1,860 00

Service other than Personal:

Light and power..... \$3,061 57

Service not otherwise coded..... 75 60

3,137 17

Supplies:

Office..... \$9 75

Supplies not otherwise coded..... 20 51

30 26

Special Items:

Boston retirement system..... \$920 00

Resurfacing Cottage Farm bridge
approach..... 433 23

1,353 23

6,380 66

CHARITIES

MUNICIPAL HOSPITAL

Personal Service:

Permanent employees..... \$163,224 36

Temporary employees..... 7,783 73

Unassigned — nurses..... 26,075 06

\$197,083 15

Service other than Personal:

Printing and binding..... \$15 00

Postage..... 273 50

Advertising and posting..... 17 58

Transportation of persons..... 170 00

Cartage and freight..... 103 57

Light and power..... 10,234 80

Communication..... 3,289 09

Motor vehicle, repairs and care.... 19 00

Cleaning..... 89 00

Examinations..... 415 00

Service not otherwise coded..... 4,857 43

Graduation exercises..... 200 00

19,683 97

Amounts carried forward..... \$216,767 12 \$2,627,849 79

Charities — Continued

Amounts brought forward \$216,767 12 \$2,627,849 79

MUNICIPAL HOSPITAL — Concluded

Equipment:

Machinery	\$7,924 87	
Furniture and fittings	816 50	
Office	430 72	
Medical, surgical, laboratory	1,534 33	
Equipment not otherwise coded	694 65	
		11,401 07

Supplies:

Office	\$2,940 97	
Food and ice	86,577 73	
Fuel	14,577 67	
Medical, surgical, laboratory	47,880 42	
Cleaning, laundry	6,132 20	
Motor vehicle, gasoline and oil	33 60	
Supplies not otherwise coded	18,047 02	
Motor vehicle, parts	236 71	
		176,426 32

Special Items:

Subscriptions	\$159 00	
Installation of new X-ray equipment	660 00	
Replacement of steam pipes	2,195 00	
Workingmen's compensation	185 71	
		3,199 71

407,794 22

OUTSIDE AID

Personal Service:

Permanent employees	\$33,443 88	
Temporary employees	3,970 84	
		\$37,414 72

Service other than Personal:

Postage	\$400 00	
Transportation of persons	700 00	
Communication	652 81	
Fees	162 50	
Travel outside of state	125 00	
		2,040 31

Equipment:

Office		330 84
------------------	--	--------

Supplies:

Office		820 46
------------------	--	--------

Special Items:

Burials	\$2,009 00	
Cash aid	884,709 37	
Clothing	8,716 81	
Food	9,442 47	
Fuel	29,568 24	
Medical	7,253 52	
Cities and towns	51,925 12	
Institutional cases	15,117 45	
		1,008,741 98

1,049,348 31

Amount carried forward \$4,084,992 32

Charities — Continued

Amount brought forward \$4,084,992 32

AID TO DEPENDENT CHILDREN

Service other than Personal:			
Postage.....		\$317 68	
Supplies:			
Office.....		77 45	
Special Items:			
Mothers' aid (aid to dependent children)		291,316 12	
			291,711 25

BUREAU OF OLD AGE ASSISTANCE

Personal Service:			
Permanent employees.....	\$9,583 62		
Temporary employees.....	310 50		
		\$9,894 12	
Service other than Personal:			
Postage.....	\$975 78		
Transportation of persons.....	250 00		
		1,225 78	
Equipment:			
Office.....		79 85	
Supplies:			
Office.....		381 13	
Special Items:			
Old age assistance.....		575,233 20	
			586,814 08

CITY PHYSICIAN

Personal Service:			
Permanent employees.....	\$3,000 00		
Temporary employees.....	2,400 00		
		\$5,400 00	
Service other than Personal:			
Communication.....		103 48	
			5,503 48

PUBLIC WELFARE — CITY INFIRMARY

Personal Service:			
Permanent employees.....	\$31,662 92		
Temporary employees.....	612 00		
		\$32,274 92	
Service other than Personal:			
Postage.....	\$20 00		
Transportation of persons.....	380 00		
Cartage and freight.....	8 84		
Light and power.....	3,396 94		
Rent.....	21 10		
Communication.....	323 15		
Medical.....	29 00		
Boiler inspection.....	20 00		
Service not otherwise coded.....	535 53		
Burials.....	1,241 39		
		5,975 95	
Amounts carried forward.....		\$32,250 87	\$4,969,021 13

Charities — Continued

Amounts brought forward \$38,250 87 \$4,969,021 13

PUBLIC WELFARE — CITY INFIRMARY — Concluded

Equipment:			
Machinery	\$129 86		
Furniture and fittings	237 40		
Wearing apparel	777 15		
Equipment not otherwise coded	205 00		
		1,349 41	
Supplies:			
Office	\$34 25		
Food and ice	28,365 67		
Fuel	5,990 84		
Medical	559 41		
Laundry, cleaning	648 96		
Motor vehicles — gasoline and oil	1 00		
Chemicals and disinfectants	78 07		
Tobacco	651 98		
Supplies not otherwise coded	1,355 93		
Bedding and linen	265 46		
		37,951 57	
			77,551 85

SOLDIERS' BENEFITS

Personal Service:			
Permanent employees		\$7,336 26	
Service other than Personal:			
Postage	\$25 00		
Transportation of persons	50 00		
Cartage and freight	21		
		75 21	
Supplies:			
Office		29 14	
Special Items:			
Care of soldiers' graves	\$1,135 58		
State aid and military aid, soldiers' relief and burials	100,510 83		
		101,646 41	
			109,087 02

MUNICIPAL PENSIONS

Personal Service:			
Permanent employees		\$271 04	
Special Items:			
Municipal Pensions:			
Building	\$1,000 50		
Engineering	946 40		
Fire	72,502 20		
Health	4,030 95		
License	689 00		
Park	1,914 65		
Police	47,331 67		
School	1,299 41		
Sewer	9,722 65		
Street	73,650 51		
Water	11 89		
Welfare	931 17		
		214,031 00	
			214,302 04
Amount carried forward			\$5,369,962 04

EDUCATION

Amount brought forward \$5,369,962 04

SCHOOL DEPARTMENT

For:

Salaries of Superintendent and Assistant Superintendent of Schools.....	\$12,700 00	
Other general administrative salaries.....	54,565 00	
Athletic clothing.....	2,184 31	
Band instruments.....	175 00	
Care of truants.....	76 57	
Christmas tree celebrations.....	71 60	
Fuel.....	25,326 69	
Furniture and furnishings.....	1,504 27	
General expenses.....	7,628 50	
Heat at Rindge School.....	17,541 64	
Janitors' and matrons' salaries.....	131,272 44	
Janitors' supplies.....	2,646 04	
Light and power.....	23,789 19	
Lunch room supplies.....	17,363 98	
Minors' licenses.....	43 50	
Museum supplies.....	281 47	
Nursery supplies.....	1,765 47	
Other expenses.....	12,029 58	
Pensions.....	3,098 00	
Pension Fund — Cambridge retirement system — Acts of 1931.....	3,864 00	
Repairs.....	15,086 77	
School physician — salary.....	3,000 00	
Supplies.....	27,088 63	
Teachers' salaries:		
Americanization.....	2,129 00	
Athletics.....	8,025 00	
Day School.....	1,447,564 64	
Evening School.....	10,671 78	
Examinations.....	1,772 00	
Substitutes.....	15,916 00	
Text books.....	14,332 04	
Transportation of pupils.....	2,509 00	
Travel outside of State.....	133 68	
Tuition to other cities.....	3,823 17	
Vocational guidance.....	150 00	
Welding equipment.....	651 50	
WPA Project No. 65-1-14-84 — Rindge School.	5,156 77	
		1,875,937 23

LIBRARIES

CENTRAL LIBRARY AND BRANCHES

Personal Service:

Permanent employees.....	\$62,219 87	
Unassigned — pages.....	1,715 63	
		\$63,935 50

Amounts carried forward \$63,935 50 \$7,245,899 27

Libraries — *Concluded*

Amounts brought forward..... \$63,935 50 \$7,245,899 27

CENTRAL LIBRARY AND BRANCHES — *Concluded*

Service other than Personal:

Printing and binding.....	\$1,094 55
Postage.....	148 00
Transportation of persons.....	10 00
Cartage and freight.....	32 92
Light and power.....	1,554 45
Rentals.....	1,646 00
Insurance.....	433 52
Communication.....	886 35
Motor vehicle, repairs and care....	1 00
Cleaning.....	52 00
Fees.....	4 00
Service not otherwise coded.....	47 75

5,910 54

Equipment:

Electrical.....	\$130 84
Office.....	6 00

136 84

Supplies:

Office.....	\$1,399 53
Fuel.....	1,432 39
Library.....	14,077 32
Laundry, cleaning.....	121 16
Motor vehicle, gasoline and oil....	68 50
Supplies not otherwise coded.....	285 46
Motor vehicle, parts.....	2 48

17,386 84

Special Items:

Shelving for branch library at Boardman School.....	600 00
--	--------

87,969 72

RECREATION

PARK MAINTENANCE — GENERAL

Personal Service:

Permanent employees.....	\$55,790 00
Temporary employees.....	792 00

\$56,582 00

Service other than Personal:

Printing and binding.....	\$25 00
Postage.....	25 00
Advertising.....	6 75
Cartage and freight.....	2 42
Light and power.....	465 45
Lighting parks.....	1,118 32
Rentals.....	52 00
Communication.....	220 81
Motor vehicle, repairs and care....	124 83
Medical.....	86 00
Extermination of insects.....	22 50
Boiler inspection.....	15 00
Service not otherwise coded.....	454 17
Laundering towels.....	271 16

2,889 41

Amounts carried forward..... \$59,471 41 \$7,333,868 99

Recreation — Continued

Amounts brought forward \$59,471 41 \$7,333,868 99

PARK MAINTENANCE — GENERAL — Concluded

Equipment:			
Furniture and fittings	\$41 39		
Educational and recreational	22 50		
Equipment not otherwise coded	671 50		
		735 39	
Supplies:			
Office	\$156 55		
Fuel	4,382 89		
Laundry, cleaning	195 29		
Recreational and educational	71 55		
Motor vehicle, gasoline and oil	261 17		
Chemicals and disinfectants	68 00		
Supplies not otherwise coded	1,134 52		
Motor vehicle, parts	170 54		
Towels	125 18		
		6,565 69	
Materials:			
Highway		201 88	
Special Items:			
New heater at Cambridge Field	\$1,500 00		
Workingmen's compensation	738 00		
		2,238 00	
			69,212 37

FLETCHER SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$1,476 00		
Service other than Personal:			
Cartage and freight	\$ 47		
Laundering towels	105 06		
		105 53	
Supplies:			
Laundry, cleaning	\$39 55		
Towels	30 22		
		69 77	
			1,651 30

HAGGERTY SCHOOL SHOWER BATHS

Personal Service:			
Permanent employees	\$932 00		
Service other than Personal:			
Cartage and freight	\$ 47		
Laundering towels	30 69		
		31 16	
Supplies:			
Laundry, cleaning	\$39 57		
Towels	30 22		
		69 79	
			1,032 95
Amount carried forward			\$7,405,765 61

Recreation — Continued

Amount brought forward \$7,405,765 61

ROBERTS SCHOOL SHOWER BATHS

Personal Service:

Permanent employees..... \$665 50

Service other than Personal:

Cartage and freight..... \$ 47

Laundering towels..... 79 03

79 50

Supplies:

Laundry, cleaning..... \$39 57

Towels..... 30 22

69 79

814 79

THORNDIKE SCHOOL SHOWER BATHS

Personal Service:

Permanent employees..... \$734 00

Service other than Personal:

Cartage and freight..... \$ 49

Laundering towels..... 47 34

47 83

Supplies:

Laundry, cleaning..... \$39 57

Towels..... 30 24

69 81

851 64

PARK — GOLF COURSE

Personal Service:

Permanent employees..... \$5,664 00

Temporary employees..... 3,487 00

\$9,151 00

Service other than Personal:

Light and power..... \$30 15

Communication..... 56 31

Motor vehicle, repairs and care..... 53 75

Medical..... 1 00

Service not otherwise coded..... 37 50

178 71

Equipment:

Tools and instruments..... 270 00

Supplies:

Office..... \$73 29

Laundry, cleaning..... 11 66

Agricultural..... 180 00

Motor vehicle, gasoline and oil..... 129 57

Supplies not otherwise coded..... 183 09

Motor vehicle, parts..... 77 20

654 81

10,254 52

Amount carried forward..... \$7,417,686 56

Recreation — *Concluded*

Amount brought forward \$7,417,686 56

PARK PLAYGROUNDS

Personal Service:

Permanent employees.....	\$17,552 00	
Temporary employees.....	13,380 99	
		<u>\$30,932 99</u>

Service other than Personal:

Postage.....	\$23 00	
Rental.....	198 00	
Motor vehicle, repairs and care.....	22 50	
Service not otherwise coded.....	14 80	
Transportation out of State.....	78 90	
		<u>337 20</u>

Supplies:

Office.....	\$87 96	
Medical, surgical, laboratory.....	13 20	
Educational and recreational.....	1,040 17	
Motor vehicle, gasoline and oil.....	54 88	
Supplies not otherwise coded.....	21 97	
Motor vehicle, parts.....	41 67	
		<u>1,259 85</u>

32,530 04

UNCLASSIFIED

DAMAGES TO PERSONS AND PROPERTY

Executions of the Court:

Harold Seidenburg, Attorney for Dorothy Munnelly.....	\$275 00
Louis L. Green, Attorney for Flora Wood.....	600 00
Raymond T. Delaney, Attorney for John Aylward, next friend of Ramond J. Aylward.....	250 00
Louis L. Bobrick, Attorney for Florence Druse.....	200 00
Frederick V. McMenimen, Attorney for Theresa Francis.....	400 00
Michael J. Neville, Attorney for Stanley Gates as father and next friend of Frances Gates, P. P. A..	500 00
Frederick V. McMenimen, Attorney for Mary Montgomery.....	550 00
George A. McLaughlin, Attorney for Jennie Port.....	800 00
Frederick V. McMenimen, Attorney for Catherine Reardon.....	500 00
Louis L. Bobrick, Attorney for Robert W. Silverman.....	250 00
Joseph Della Grotte, Attorney for Anna Zuccala.....	325 00
Chester A. Higley, Attorney for Mary Mansfield.....	2,000 00
Frederick V. McMenimen, Attorney for Barbara Bishop.....	2,100 00

Amounts carried forward \$8,750 00

\$7,450,216 60

Unclassified — Continued

Amounts brought forward \$8,750 00 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

Thomas E. Watman, Attorney for Walter Maruszewicz	225 00
Cutter & Cutter, Attorneys for Vito Russo, father and next friend of Mary Russo, a minor	75 00
Joseph S. Rezendes, Attorney for John Magliozzi as father and next friend of John Magliozzi, Jr., a minor	150 00
Maurice M. Isen, Attorney for Edward Gurney	675 00
Samuel M. Flaksman, Attorney for Mary B. Murphy	250 00
Max R. Reiser, Attorney for Mar- garet Humphreys	100 00
Joseph R. Corish, Attorney for Anthony Goulart, father and next friend of Anthony Goulart, Jr., a minor	325 00
Thomas F. Sullivan, Attorney for John W. Watts	1,000 00
Francis J. Roche, Attorney for Mary J. Cusick	200 00
Francis J. Roche, Attorney for Albert Mosher	264 40
Moore, Goldberg & Magrath, Attor- neys for Mary Colucci	300 00
Joseph R. Corish, Attorney for Jessie Kirchner	335 00
James C. DiNunzio, Attorney for Angela Mahoney	250 00
Louis L. Green, Attorney for John H. Bowers	250 00
Louis L. Green, Attorney for Max- well Davis	600 00
Charles R. Goldstein, Attorney for Delia O'Connor	175 00
Leo J. Ganong, Attorney for John E. O'Connor	500 00
William J. O'Neill, Attorney for Vivian M. LaCrosse	186 00
David Short, Attorney for Anna Sukis	500 00
Samuel L. Flaksman, Attorney for Mary B. Dwyer	550 00
Albert J. Goguen, Attorney for Gregoire Goguen	200 00
John F. Kelley, Attorney for Clare Neville	175 00
Benjamin Cohen, Attorney for Mary Diamond	400 00
Joseph S. Finstein, Attorney for Margaret Silva	201 00

Amounts carried forward \$16,636 40

\$7,450,216 60

Unclassified — Continued

Amounts brought forward \$16,636 40 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

James C. DiNunzio, Attorney for William Coleman	750 00
Harry Peck, Attorney for Ethel Spencer	75 00
Louis L. Bobrick, Attorney for Anna M. Bova, Administratrix of the estate of Joseph Bova	250 00
James C. DiNunzio, Attorney for Anna T. Ciampi	300 00
Frederick V. McMenimen, Attorney for Alice Dayton	300 00
Robert J. Muldoon, Attorney for Elizabeth D. Elliott	500 00
Charles E. Cunningham, Attorney for Catherine A. Long	500 00
Reuben Landau, Esq., Attorney for Louise Holson	300 00
Joseph R. Corish, Esq., Attorney for Marie Ciccariello	185 00
Taylor & Foley, Attorneys for Charles Blouin	132 00
Frederick V. McMenimen, Attorney for John Doyle	245 19
Taylor & Foley, Attorneys for Eileen M. Toohey	200 00
Arthur A. Forte, Attorney for Maria Valente	150 00
Taylor & Foley, Attorneys for Julia Julia S. Cordeiro	400 00
J. S. Rezendes, Attorney for Rose E. Bailey	175 00
J. John Fox, Attorney for Georgia Mathews	300 00
Chester A. Higley, Attorney for William H. Cronan	700 00
Thomas S. Cassidy, Attorney for Margaret Lowry	325 00
Chester A. Higley, Attorney for Katherine E. Moloney	275 00
Joseph M. Gavin, Attorney for Tina Villari	650 00
Andrew G. Geishecker, Attorney for Catherine Cameron	750 00
Haskell Golder, Attorney for Emmeline Russell	250 00
S. Lang Makrauer, Attorney for Jessie W. K. Littlefield	900 00
Louis L. Bobrick, Attorney for Thomas J. Clinton	300 00
Louis L. Bobrick, Attorney for Margaret A. Glendon	200 00
Louis L. Bobrick, Attorney for Charles Rogers	150 00

Amounts carried forward \$25,898 59

\$7,450,216 60

Unclassified — Continued

Amounts brought forward \$25,898 59 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

Walter H. McLaughlin, Attorney for Marion G. Burns	150 00	
Joseph S. Rezendes, Attorney for Mario Grosso	375 00	
Raymond T. Delaney, Attorney for John Aylward, father and next friend of John F. Aylward, a minor	150 00	
Leo J. Ganong, Attorney for Henry A. Ganong, Administrator, per- sonal injuries sustained by Mary A. Ganong, deceased	1,600 00	
Max R. Reiser, Attorney for Andrew Ferraguto	85 00	
James C. DiNunzio, Attorney for Alberto Mastrodomenico	500 00	
George A. McLaughlin et als, Attor- neys for Marion Marchand	111 73	
Peter E. DiSessa, Attorney for Rose Bullock	450 00	
Albert V. O'Neil, city employee, reimbursement	26 20	
John J. Whelan, city employee, reimbursement	232 60	
Michael J. Joyce, city employee, reimbursement	175 00	
Michael J. Joyce, city employee, reimbursement	125 00	
John J. Hallisey, city employee, reimbursement	223 93	
James J. Corkery, city employee, reimbursement	50 00	
Charles J. Black, city employee, reimbursement	125 00	
John F. Carr, Attorney for Michael F. Galvin, father and next friend of Anne C. Galvin, P. P.	200 00	
Louis L. Green, Attorney for Mary Veronica Holland	325 00	
Louis L. Green, Attorney for Rebecca Marion Jefferson	995 00	
Max R. Reiser, Attorney for Mary Fraser	50 00	
Joseph E. Harrington, Attorney for Elizabeth C. Shea	700 00	
Jeremiah J. Sullivan, Attorney for Thomas H. Kiernan	225 00	
George A. McLaughlin, Attorney for Ethel Frances Finn	750 00	
Michael J. Neville, Attorney for Susan Riley	400 00	
John F. Daly, and Robert J. Rear- don, Attorneys for Ellen Wallace .	125 00	
Jeremiah J. Sullivan, Attorney for Rita H. Kelleher	450 00	
Amounts carried forward	\$34,498 05	\$7,450,216 60

Unclassified — Continued

Amounts brought forward \$34,498 05 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

F. V. McMenimen, Attorney for Walter Halloran	225 00
James C. DiNunzio, Attorney for Vicita Sophie Manganelli	375 00
Joseph S. Rezendes, Attorney for Manuel Morgan	150 00
Chester A. Higley, Attorney for Margaret Shea	300 00
Robert J. Reardon, Attorney for Seraphina Corso	500 00
Walter H. McLaughlin, Attorney for Francis Dwyer, father and next friend of Irene Dwyer, a minor . .	350 00
Louis L. Green, Attorney for May A. Conway	275 00
Louis Tobin, Attorney for Mae Buckley	175 00
Pearlman & Pearlman, Attorneys for William Ackerley, as father and next friend of William James Ackerley, a minor	75 00
Morris B. Frankel, Attorney for Almira F. Walker	320 00
Louis L. Green, Attorney for Wil- liam G. French	544 00
John L. G. Glynn, Attorney for Mary Sutherland	50 00
James A. Parrish, Attorney for Mar- guerite R. Pratt d b a Pratt Equipment Co.	2,243 13
Anthony W. DiCecca, Attorney for Israel Roseman d/b/a Harvard Auto Exchange Co.	96 00
Adelson & Rabinowitz, Attorneys for LaMaison Products, Inc.	135 00
George J. Hudson	15 00
George P. Lordan	13 12
Albert M. Rudman, Attorney for Town Paint and Supply Co.	150 00
Benjamin Wollins, Attorney for Philip Tsimetrades	250 00
Walter H. McLaughlin, Attorney for Forest Cafe Inc.	236 98
Chester A. Higley, Attorney for for Esther F. Murphy	135 00
Viola & Singer, Attorneys for Cor- nelius O'Connor	311 73
Gregory Mazmanian	231 63
Edward J. Carson	525 00
Louis P. Bennett, Attorney for George A. Innes	400 00
Frederick V. McMenimen	52 10
Richard C. Sheppard, Attorney for Harold E. Healy	28 20

Amounts carried forward \$42,659 94

\$7,450,216 60

Unclassified — Continued

Amounts brought forward \$42,659 94 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

Curry, Mowles & Murdock, Attorneys for Catherine O'Connor	\$500 00	
Anthony W. DiCecca, Attorney for Grace M. Dawes	750 00	
Milton I. Abelson, Attorney for Margaret Rogers	300 00	
Joseph Della Grotte, Attorney for Maria Moccia	450 00	
J. S. Rezendes, Attorney for Mary Moreira	300 00	
J. S. Rezendes, Attorney for Cosmo Spinosa next friend of Mary Spinosa	250 00	
Mosier S. Goldberg, Attorney for Morris Rosenberg	750 00	
Francis J. Roche, Attorney for Edward J. Wright, Jr.	300 00	
Taylor, Ganson & Perrin, Attorneys for Susanne C. Wulsin	2,200 00	
John R. Sennott, Jr., Attorney for Dorothy Paul	450 00	
Samuel B. Mannos, Attorney for Frances Rubin	250 00	
Frederick V. McMenimen, Attorney for Andrew Stak	750 00	
Charles V. Statuti, Attorney for Cora Hicks	300 00	
Maurice M. Isen, Attorney for Sophia Zimberg	500 00	
		\$50,709 94

Awards for alleged injuries and damages due to defect in the highways:

Mary Lyons	\$500 00
John Cahill, father and next friend of John Cahill, minor	25 00
Mary Key	350 00
Helen F. Morrison	75 00
John E. Kelley	400 00
Willard, Allen & Mulhern, Attorneys for Fred W. Adams	135 00
John F. Kelly, Attorney for Michael Breen	60 00
Mary Clifford	10 00
Mary Cooney	25 00
Robert L. Sullivan, Attorney for Mrs. Frederick Fennell, mother and next friend of John Fennell, a minor	240 00
Arthur P. Keohane	15 00
Beatrice Menard	25 00
Mary O'Keefe	450 00
Nellie Yore	100 00
Margaret Beaulieu	4 35

Amounts carried forward	\$2,414 35	\$50,709 94	\$7,450,216 60
-----------------------------------	------------	-------------	----------------

Unclassified — Continued

Amounts brought forward..... \$2,414 35 \$50,709 94 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

Lee & Graham, Attorneys for Francis L. Cahill.....	75 00
William F. Nixon, Attorney for George T. Williams.....	150 00
Michael J. Neville, Attorney for Catherine Mahoney.....	75 00
Josephine Daly.....	15 00
Mabel Keys.....	5 25
John J. Burokas.....	18 60
William Gilmartin.....	26 30
Louis G. Guerra.....	10 00
Chester Marcotti.....	13 75
James J. Myette.....	10 00
Hilda Frances Rego.....	18 00
Emily R. Hill.....	17 75
Joseph Murphy.....	44 24
George H. Pierce.....	32 85
William Legee.....	30 00
Cornelius Sullivan.....	16 20
Sadie Hart.....	50 00
Jennie Morgan.....	100 00
Charles Tallent.....	50 00
Marion E. Hand.....	450 00
George Shea.....	8 00
Mary Brown.....	400 00
Ruth C. Bates.....	60 00
Mary Hanafin.....	200 00
Bertha Burgess.....	25 00
Albertine Frechette.....	100 00
Frank Bagwell.....	5 28
Edward J. Glennon.....	10 00
Carlisle B. Knowlton.....	22 00
Mrs. Albert Leate.....	13 85
Joseph Doyle.....	15 00
William J. Stone.....	5 50
Daniel P. Hegarty.....	8 00
Cary J. Chamberlain.....	27 00
ohn Costa.....	12 65
Robert W. Sproul.....	6 95
Ruth Terzaghi.....	5 40
Louise G. Brown.....	14 00
Madeline Coleman.....	20 00

4,580 92

Miscellaneous Claims:

Ethel Arthur.....	\$25 00
Margaret Ahern.....	91 32
Edward F. Fay (Fay Family Trust)	57 20
Max Glanz.....	42 00
Anna Thomas.....	125 00
Augusta M. Johnson.....	29 85
Allen Stationery Co.....	60 50
American Gas Accumulator Co.....	1,800 00

Amounts carried forward..... \$2,230 87 \$55,290 86 \$7,450,216 60

Unclassified — Continued

Amounts brought forward \$2,230 87 \$55,290 86 \$7,450,216 60

DAMAGES TO PERSONS AND PROPERTY — Continued

Joseph J. Boyle, City Employee, reimbursement	69 00		
Mrs. Vernan Strohmingar	50 00		
John F. Crowley, City Employee, reimbursement	21 00		
		2,370 87	
			57,661 73

TELEPHONE EXCHANGE

Personal Service:			
Permanent employees	\$1,872 00		
Temporary employees	188 70		
		\$2,060 70	
Service other than Personal:			
Communication		4,142 73	
			6,203 43

BOARD OF APPEAL

Personal Service:			
Permanent employees		\$950 00	
Service other than Personal:			
Postage	\$75 00		
Advertising and posting	204 00		
		279 00	
Supplies:			
Office		18 30	
			1,247 30

EMPLOYMENT

Personal Service:			
Permanent employees		\$3,560 00	
Service other than Personal:			
Postage		17 00	
Supplies:			
Office		4 30	
			3,581 30

RETIREMENT

Personal Service:			
Permanent employees		\$1,716 00	
Service other than Personal:			
Printing and binding	\$96 00		
Postage	2 70		
Rental	30 00		
Premium, surety bonds	100 00		
Expert — actuary	500 00		
		728 70	
Supplies:			
Office		87 86	
			2,532 56
Amount brought forward			\$7,521,442 92

Unclassified — Continued

Amount brought forward \$7,521,442 92

PURCHASING

Personal Service:			
Permanent employees.....	\$8,570 00		
Temporary employees.....	820 00		
		\$9,390 00	
Service other than Personal:			
Postage.....	\$262 00		
Advertising and posting.....	88 88		
Rental.....	46 00		
Premium, surety bond.....	67 50		
Communication.....	143 63		
Service not otherwise coded.....	7 06		
		615 07	
Equipment:			
Office.....		3 43	
Supplies:			
Office.....		405 84	
			10,414 34

YOUTH COMMISSION

Personal Service:			
Permanent employees.....		\$1,409 90	
Supplies:			
Office.....		44 05	
			1,453 95

MODERNIZATION OF THE BUILDING LAW AND ZONING ACT

Paid to sundry persons.....	\$3,530 56		
Supplies.....	135 68		
			3,666 24

REVISION OF CITY ORDINANCES

Paid to sundry persons.....			4,527 96
-----------------------------	--	--	----------

FEDERAL ASSESSMENT SURPLUS COMMODITIES DIVISION

Payments to Treasurer, U. S. A.....			5,662 21
-------------------------------------	--	--	----------

CUSTODIAN OF FORECLOSED PROPERTY

Personal Service:			
Permanent employees.....		\$500 00	
Service other than Personal:			
Postage.....	\$15 00		
Expert.....	45 00		
		60 00	
Supplies:			
Office.....		11 35	
			571 35

POST 299, RUSSELL E. HOYT HEADQUARTERS

For rent of headquarters.....			1,200 00
Amount carried forward.....			\$7,548,938 97

Unclassified — Concluded

Amount brought forward \$7,548,938 97

JEWISH WAR VETERANS' HEADQUARTERS

For rent of headquarters 900 00

MILITIA, USE OF RIFLE RANGE

Use of rifle range at Wakefield 3,996 79

PUBLIC CELEBRATIONS

Patriots' Day \$177 40

Labor Day 300 00

477 40

MEMORIAL DAY

Veterans of Foreign Wars \$663 64

Spanish War Veterans 325 00

Sons of Union Veterans 750 00

American Legion 1,298 81

Jewish War Veterans 75 60

3,113 05

CAMBRIDGE POLICE DEPARTMENT MEMORIAL DAY

Paid to sundry persons 196 25

CAMBRIDGE FIRE DEPARTMENT MEMORIAL DAY

Paid to City Fire Fighters' Union Local No. 30 350 00

ANNUAL DOCUMENTS

Printing of annual documents for the year ending December 31, 1939 1,900 00

CEMETERIES

CEMETERY

Personal Service:

Permanent employees \$64,905 78

Service other than Personal:

Postage \$21 00

Light and power 60 20

Premium on surety bond 45 00

Communication 137 27

Medical 2 00

Fees 2 00

267 47

Equipment:

Tools and instruments \$164 78

Equipment not otherwise coded 170 00

334 78

Supplies:

Office \$76 34

Fuel 199 88

Agricultural 594 11

Motor vehicle, gasoline and oil 605 50

Supplies not otherwise coded 212 95

Motor vehicle, parts 118 84

1,807 62

Amounts carried forward \$67,315 65 \$7,559,872 46

Cemeteries — *Concluded*

Amounts brought forward \$67,315 65 \$7,559,872 46

CEMETERY — *Concluded*

Materials:

Materials not otherwise coded 197 24

Special Items:

Filling and loam for new land 1,490 12

69,003 01

WPA PROJECTS

Executive:

Real property survey 951 75

Treasury:

Analysis of financial and subsidiary records and
preparation of data on income expenditures . . \$1,686 86

Index, summarize and file books, records,
reports and miscellaneous data relating to
administration of public affairs from 1635 to
1938 inclusive 2,228 32

3,915 18

Budget:

Inventory project 177 39

Municipal Buildings:

Cleaning and renovating public buildings \$194 38

Renovation of engine house No. 7 9,086 32

Renovation of engine house No. 4 2,415 29

11,695 99

Sewer:

Repairing damage to golf course 1,911 47

Municipal Hospital:

Modern index system 402 66

Outside Aid:

Household aid \$251 90

Toy repair 1,896 04

Distribution of surplus commodities — rent of
quarters 4,293 39

Sewing 40 05

6,481 38

City Physician:

Registered nurses 229 15

Library:

Renovating library \$7,377 51

Repairing roof at main library 15 50

Geographical survey 438 05

Historical bibliography of Cambridge material
in public library 9 00

7,840 06

Amount carried forward \$7,662,480 50

WPA Projects — *Concluded*

Amount brought forward \$7,662,480 50

Park:

Trimming trees, removing stumps, etc.....	\$1,217 35
Boardman School recreation center.....	1,335 38
New golf club house at Fresh Pond.....	21,590 57
Erection of concrete bleachers at Rindge Field..	4,318 29
Improvements at Cambridge Field.....	1,995 92
Census of trees on public streets.....	29 56
Improvement of library grounds.....	113 90
Construction of concrete bleachers at Russell E. Hoyt Field.....	19 73

30,620 70

Playgrounds:

Recreation project among the colored population..... 201 16

Cemetery:

Revision of owners' records in Cemetery Department..... 194 25

WPA Administration:

Assessment of Massachusetts WPA music project for July 1 to
August 31, 1940..... 145 50

DEBT SERVICE

INTEREST

On Anticipation of Revenue Loans..... \$7,739 89

Sewer construction loans.....	\$55,189 38
Street construction loans.....	31,352 50
Bridge construction loans.....	64,571 25
Building construction loans.....	27,435 00
Hospital construction loans.....	14,485 00
School construction loans.....	50,860 00
Park construction loans.....	18,230 00
Land for playgrounds loans.....	4,478 75
Departmental equipment loans	450 00
Municipal relief.....	21,887 50
Funding loan.....	4,375 00
Sanders Temperance Fund.....	600 00
Dowse Institute contract.....	600 00
White Charity Fund.....	300 00

294,814 38

302,554 27

SERIAL LOANS

Sewer construction.....	\$78,500 00
Street construction.....	667,500 00
Bridge construction.....	43,500 00
Building construction.....	78,500 00
Hospital construction.....	55,500 00
School construction.....	189,000 00
Park construction.....	3,000 00
Land for playgrounds.....	2,500 00
Departmental equipment.....	10,000 00
Municipal relief.....	155,000 00
State Tax Funding.....	50,000 00

1,333,000 00

Amount carried forward..... \$9,329,196 38

Debt Service — Continued

Amount brought forward \$9,329,196 38

FUNDED LOANS

Sewer construction.....	\$86,000 00	
Bridge construction.....	100,000 00	
Park construction.....	100,000 00	
Land for playgrounds.....	50,000 00	
		336,000 00
See insert "Annalysis of Appropriation Accounts," column 13		9,665,196 38

TEMPORARY REVENUE LOANS

In anticipation of revenue..... 6,100,000 00

PREMIUM ACCOUNT

Preparation and certification of bonds..... 2,457 90

COUNTY, STATE AND METROPOLITAN DISTRICT TAXES

County tax.....	\$238,937 91	
State tax.....	\$444,800 00	
Abatement of smoke nuisance tax.....	1,921 86	
Boston Elevated Railway deposit tax...	226,539 90	
Boston Elevated Railway rentals deficit tax.....	9,347 50	
Boulevards tax.....	7,371 10	
Canterbury Street highway tax.....	21 15	
Care of Civil War veterans tax.....	210 00	
Charles River Basin tax.....	18,387 89	
Charles River Basin bridge tax.....	28,281 55	
Metropolitan Planning Division tax....	1,115 16	
Metropolitan Park tax.....	64,336 41	
Metropolitan Park Nantasket tax.....	4,774 85	
Metropolitan sewer tax.....	139,944 04	
Metropolitan Transit District tax.....	402 78	
Municipal audit tax.....	3,693 13	
Wellington Bridge tax.....	158 35	
Veterans' exemption tax.....	800 61	
	952,106 28	
		1,191,044 19

INCOME TRUST FUNDS

Sanders Temperance Fund.....	\$600 00	
Library Funds:		
William Penn Harding.....	\$28 16	
Citizens' Subscription.....	134 35	
Cummings.....	90 09	
Fay.....	30 92	
William Saunders.....	55 30	
James A. Woolson.....	189 45	
Citizen of Cambridge.....	172 82	
Howe.....	78 51	
Murdock.....	47 58	
	827 18	
Amounts carried forward.....	\$1,427 18	\$16,958,698 47

Debt Service — *Concluded*

Amounts brought forward..... \$1,427 18 \$16,958,698 47

INCOME TRUST FUNDS — *Concluded*

School Funds:			
Webster Thierry.....	\$3 38		
Georgia Hardy.....	1 34		
			4 72
Welfare Funds:			
Sarah E. Russell.....	\$16 00		
Rev. Patrick H. Callanan.....	40 72		
		56 72	
			1,488 62

SMITH-HUGHES FUND

School

Sundry payments..... 1,709 99

HOPKINS FUND

School

Sundry payments..... 703 67

BULLOCK FUND

Health-Dental

Sundry payments..... 2,174 35

REFUNDS

PROPERTY TAXES — REAL AND PERSONAL

Levy 1935.....	\$22 96	
Levy 1936.....	729 00	
Levy 1937.....	3,722 40	
Levy 1938.....	9,440 00	
Levy 1939.....	49,395 41	
Levy 1940.....	12,655 91	
		75,965 68

POLL TAXES

Levy 1939.....	\$32 75	
Levy 1940.....	30 00	
		62 75

MOTOR VEHICLE EXCISE TAXES

Levy 1939.....	\$762 24	
Levy 1940.....	2,786 76	
		3,549 00

DEPARTMENTAL RECEIPTS

Street.....	\$10 26	
Licenses.....	14,580 95	
School.....	7 00	
		14,598 21

Amount carried forward..... \$17,058,950 74

Refunds — *Concluded*

Amount brought forward \$17,058,950 74

MISCELLANEOUS

Interest on Taxes.....	\$1,031 45	
Costs on Taxes.....	9 50	
		1,040 95

DEPARTMENTAL APPROPRIATIONS

Election Commission.....	\$9 00	
Law.....	575 20	
Treasury.....	1,170 14	
Police.....	4,358 02	
Fire.....	34 29	
Street.....	1,931 30	
Welfare.....	9,988 28	
Old Age Assistance.....	857 72	
Aid to dependent children.....	427 57	
City physician.....	100 00	
Soldiers' benefits.....	1,370 50	
Municipal pensions.....	102 14	
School.....	161 55	
Library.....	15 00	
Park.....	56 40	
Purchasing.....	7 50	
Telephone exchange.....	300 00	
WPA Projects — Park.....	18	
WPA Projects — Treasury.....	70 00	
		21,534 79
<i>Total Payments, Maintenance and Operation.....</i>		<i>10,981,526 48</i>
<i>Total Payments, Borrowings in Anticipation of Receipts.....</i>		<i>6,100,000 00</i>

TEMPORARY ACCOUNTS

TRUST AND INVESTMENT FUNDS

Payments to Treasurer:		
Cemetery perpetual care deposits.....	\$3,913 75	
Retirement System payroll deductions —		
Act 1931.....	19,534 17	
Act 1936.....	35,432 09	
		58,880 01

GUARANTEE DEPOSITS

Contract Bids:		
Refunded to depositors:		
Executive.....	\$100 00	
Election Commission.....	400 00	
Building.....	5,867 64	
Fire.....	600 00	
Electrical.....	200 00	
Street.....	2,000 00	
School.....	2,150 00	
Hospital.....	1,100 00	
Welfare.....	500 00	
Park.....	750 00	
Purchasing.....	7,725 00	
Water.....	3,100 00	
		24,492 64
<i>Amount carried forward</i>		<i>\$17,164,899 13</i>

Temporary Accounts — Continued

Amount brought forward \$17,164,599 13

GUARANTEE DEPOSITS — Concluded

Street Openings:

Payments to city for completed work..... \$244 29
 Refunded to depositors..... 125 71

370 00

Driveways:

Payments to city for completed work..... \$1,595 25
 Refunded to depositors..... 1,104 75

2,700 00

Sidewalks:

Payments to city for completed work.....

861 66

Health:

Payments to state.....

50 00

Park:

Payments to city for completed work..... \$25 00
 Refunded to depositors..... 100 00

125 00

Plans:

Refunded to depositors.....

35 00

Licenses:

Payments for advertising..... \$1,578 75
 Refunded to depositors..... 12 75
 Payments to city for licenses issued..... 168,009 80

169,601 30

AGENCY

City Clerk:

Dog licenses paid to county..... \$2,775 60
 Hunting and fishing licenses paid to state..... 2,513 50

5,289 10

Tax Titles Held by Individuals:

Sundry payments, redemptions.....

375 44

Constables' Fees:

Sundry payments.....

827 98

Cambridge Retirement System:

Refunded to members withdrawing.....

5,902 46

In Lieu of Surety Bonds:

Refunded to depositors.....

1,050 00

City of Boston Retirement System:

Payments of payroll deductions.....

62 40

Massachusetts Teachers' Retirement System:

Payments of payroll deduction.....

64,624 74

Cemetery Perpetual Care Deposits:

Refunded to depositor.....

30 00

Amount carried forward \$17,416,804 21

Temporary Accounts — Concluded

Amount brought forward \$17,416,804 21

AGENCY — Concluded

Erroneous Payment of Tax — Gregg:
Refunded..... 75 00

National Defense Training Program:
Personal service..... \$5,570 40
Supplies..... 1,860 25
7,430 65

Armand D. Tufenkjian, Constable:
Payment to city for tax..... 25 01
Total Payments, Temporary Accounts..... 342,808 39

MUNICIPAL ENTERPRISE
WATER
GENERAL MAINTENANCE

Personal Service:
Permanent employees..... \$141,644 99
Temporary employees..... 4,225 63
\$145,870 62

Service other than Personal:
Printing and binding..... \$79 50
Postage..... 521 20
Advertising and posting..... 13 00
Transportation of persons..... 200 00
Cartage and freight..... 6 23
Hire of trucks..... 124 25
Light and power..... 231 25
Lighting parks..... 38 04
Rental..... 3,390 36
Premium on surety bond..... 30 00
Communication..... 526 00
Motor vehicle, repairs and care..... 43 25
Medical..... 70 00
Fees..... 31 00
Service not otherwise coded..... 39 75
Travel outside of state..... 50 40
5,394 23

Equipment:
Motor vehicle..... \$2,908 40
Office..... 18 00
Tools and instruments..... 2,062 83
Equipment not otherwise coded.... 336 97
5,326 20

Supplies:
Office..... \$734 76
Fuel..... 298 70
Medical..... 3 00
Laundry, cleaning..... 26 00
Motor vehicle, gasoline and oil..... 1,694 59
Chemicals and disinfectants..... 103 28
Supplies not otherwise coded..... 863 67
Motor vehicle, parts..... 480 43
4,204 43

Amounts carried forward..... \$160,795 48 \$17,424,334 87

Municipal Enterprise — Continued

Amounts brought forward \$160,795 48 \$17,424,334 87

GENERAL MAINTENANCE — Concluded

Materials:			
Water	\$21,303 63		
Materials not otherwise coded	583 46		
		21,887 09	
Special Items:			
Replacing defective meters	\$4,953 90		
Damages	64 10		
Pensions	20,281 62		
Repairing pavements	377 43		
Amount due from Water Department to Pension Accumulation Fund of the Cambridge Retirement System	771 04		
Inspection	70 00		
Leakage	1,443 96		
		27,962 05	
			210,644 62

PUMPING

Personal Service:			
Permanent employees	\$29,690 67		
Temporary employees	541 49		
		\$30,232 16	
Service other than Personal:			
Cartage and freight	\$ 69		
Light and power	553 78		
Communication	55 56		
Medical	224 00		
Service not otherwise coded	407 13		
		1,241 16	
Equipment:			
Tools and instruments	\$78 21		
Wearing apparel	7 90		
Equipment not otherwise coded	242 16		
		328 27	
Supplies:			
Ice	\$35 20		
Fuel	19,683 88		
Medical, surgical, laboratory	3 46		
Laundry, cleaning	40 30		
Supplies not otherwise coded	3,112 72		
		22,875 56	
Materials:			
Materials not otherwise coded		234 70	
Special Items:			
Workingmen's compensation		182 57	
			55,094 42
Amount carried forward			\$17,690,073 91

Municipal Enterprise — Continued

Amount brought forward \$17,690,073 91

RESERVOIRS

Personal Service:

Permanent employees	\$37,697 37	
Temporary employees	2,580 00	
		\$40,277 37

Service other than Personal:

Transportation of persons	\$200 00	
Hire of trucks	150 00	
Light and power	37 91	
Rentals	54 46	
Communication	164 90	
Motor vehicle, repairs and care	8 50	
Cleaning	12 00	
Medical	34 00	
Fees	4 00	
Service not otherwise coded	147 88	
		813 65

Equipment:

Tools and instruments	\$90 98	
Equipment not otherwise coded	146 10	
		237 08

Supplies:

Fuel	\$74 70	
Motor vehicle, gasoline and oil	290 92	
Supplies not otherwise coded	265 02	
Motor vehicle, parts	53 29	
		683 93

Materials:

Materials not otherwise coded		498 34
---	--	--------

Special Items:

Police protection	4,224 42	
		46,734 79

FILTRATION

Personal Service:

Permanent employees	\$26,222 99	
Temporary employees	120 00	
		\$26,342 99

Service other than Personal:

Cartage and freight	\$4 59	
Light and power	6,387 78	
Communication	67 58	
Service not otherwise coded	26 00	
		6,485 95

Equipment:

Tools and instruments	\$57 01	
Equipment not otherwise coded	193 84	
		250 85

Amounts carried forward	\$33,079 79	\$17,736,808 70
-----------------------------------	-------------	-----------------

Municipal Enterprise — *Concluded*

Amount brought forward.....\$33,079 79 \$17,736,808 70

FILTRATION — *Concluded*

Supplies:

Office.....	\$15 65	
Fuel.....	1,476 25	
Medical.....	135 61	
Laundry, cleaning.....	2 00	
Chemicals and disinfectants.....	12,254 50	
Supplies not otherwise coded.....	626 92	
		14,510 93

Materials:

Materials not otherwise coded.....		54 75
------------------------------------	--	-------

47,645 47

DEBT AND INTEREST

Serial Loans.....	\$57,500 00	
Interest.....	24,713 75	

82,213 75

See insert "Analysis of Appropriation Accounts," column 13.....

442,333 05

REFUNDS

Annual Rates.....	\$23 65	
Metered Rates.....	700 80	
Miscellaneous Charges.....	54 90	

779 35

Appropriations:

General Maintenance.....	\$9 05	
Pumping Maintenance.....	1,700 00	

1,709 05

Total Payments, Municipal Enterprise.....

444,821 45

OUTLAYS

DEPARTMENTAL EQUIPMENT

ELECTRICAL DEPARTMENT — UNDERGROUND

Service other than Personal, Material, etc.:

Bronze bolts.....	\$66 50	
Bronze cap and screws.....	18 00	
Elastic cement.....	1 60	
Emery wheel.....	1 25	
Friction tape.....	10 65	
Lead pipe.....	28 50	
Lightning arresters.....	88 00	
Solid latox and lead cable.....	3,848 62	
Splicing compound.....	3 00	
Wiping solder.....	25 00	

4,091 12

STREET DEPARTMENT

Equipment:

Four special dump trucks.....		9,480 00
-------------------------------	--	----------

BUILDING CONSTRUCTION

City's contribution — additional appropriation —

Tuberculosis Hospital — PWA Docket No.

1452-F.....\$2,596 75

Amounts carried forward.....

\$2,596 75 \$17,882,727 44

Outlays — Concluded

Amounts brought forward \$2,596 75 \$17,882,727 44

HIGH AND LATIN SCHOOL

Prior to PWA Project

Architects' Fees..... 2,700 00

TUBERCULOSIS HOSPITAL

Prior to PWA Project

Architects' Fees..... 6,000 00

11,296 75

SEWER CONSTRUCTION

Personal Service:
Employees:..... \$104,816 57

Materials, Supplies:

Bricks..... \$3,537 25
Cement and concrete..... 3,431 99
Concrete pipe..... 53,591 68
Frames, grates, traps..... 1,149 95
Fuel..... 256 65
Gasoline, oil, grease 5,159 19
Hose..... 780 24
Lanterns and oil..... 872 39
Lumber..... 9,191 96
Tools..... 2,705 49
Pipe..... 31,907 82
Acetylene..... 64 35
Iron and steel 858 80
Sand and gravel..... 437 37
Rental of equipment..... 17,686 65
Rental of trucks..... 16,278 91
Rope..... 575 43
Miscellaneous..... 876 58

149,362 70

254,179 27

HIGHWAYS AND BRIDGES

STREET CONSTRUCTION

ALPINE STREET

Personal Service:
Employees..... \$4,654 57

Service other than Personal, Material, etc.:
Truck hire..... 1,041 75

\$5,696 32

ASH STREET

Personal Service:
Employees..... \$2,603 42

Service other than Personal, Material, etc.:
Truck hire..... 717 00

3,320 42

Amounts carried forward..... \$9,016 74 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$9,016 74 \$18,148,203 46

STREET CONSTRUCTION — Continued

BERKELEY STREET

Personal Service:

Employees..... \$5,505 87

Service other than Personal, Material, etc.:

Gasoline and oil..... \$36 30

Truck hire..... 1,891 50

1,927 80

7,433 67

BLANCHARD ROAD

Personal Service:

Employees..... \$15,987 79

Service other than Personal, Material, etc.:

Asphalt..... \$592 31

Bars and rakes..... 36 77

Bituminous concrete.... 2,886 71

Coal..... 90 00

Concrete pipe..... 191 30

Crow bars..... 15 00

Gasoline, oil and kerosene 116 60

Metal caps..... 23 00

Picks and handles..... 118 14

Pipe..... 683 20

Shovels and handles.... 378 61

Stone..... 655 90

Truck hire..... 3,874 50

9,662 04

25,649 83

BROOKFORD STREET

Personal Service:

Employees..... \$5,541 14

Service other than Personal, Material, etc.:

Truck hire..... 1,216 50

6,757 64

BRYANT STREET

Personal Service:

Employees..... \$2,524 60

Service other than Personal, Material, etc.:

Gasoline and oil..... \$5 90

Stone..... 177 84

Truck hire..... 606 00

789 74

3,314 34

CAMBRIDGE STREET

Service other than Personal, Material, etc.:

Bituminous concrete.....

703 50

Amounts carried forward..... \$52,875 72 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$74,268 15 \$18,148,203 46

STREET CONSTRUCTION — Continued

CHARLES STREET

Service other than Personal, Material, etc.:

Truck hire..... 18 00

CHARLESTOWN AVENUE

Personal Service:

Employees..... 272 00

CHATHAM STREET

Personal Service:

Employees..... \$2,439 41

Service other than Personal, Material, etc.:

Truck hire..... 505 50

2,944 91

CHAUNCY STREET

Personal Service:

Employees..... \$243 34

Service other than Personal, Material, etc.:

Concrete..... \$439 13

Steel..... 33 17

472 30

715 64

CHESTNUT STREET

Personal Service:

Employees..... \$534 75

Service other than Personal, Material, etc.:

Asphalt..... \$403 69

Concrete..... 408 06

Gasoline and oil..... 97 50

Truck hire..... 44 70

953 95

1,488 70

CHILTON STREET

Service other than Personal, Material, etc.:

Stone..... 276 19

CLARK STREET

Personal Service:

Employees..... \$14,455 24

Service other than Personal, Material, etc.:

Truck hire..... 1,221 75

15,676 99

Amounts carried forward.....

\$74,268 15 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$74,268 15 \$18,148,203 46

STREET CONSTRUCTION — Continued

COMMERCIAL AVENUE

Service other than Personal, Material, etc.:

Asphalt.....	\$37 35
Asphalt paint.....	63 14
Concrete.....	525 00
Coal.....	67 50
Electrical work.....	96 00
Globes.....	19 75
Iron.....	26 43
Markers.....	254 80
Range oil.....	15 00
Steel.....	23 05
Truck hire.....	96 00

1,224 02

COPLEY STREET

Personal Service:

Employees.....	\$1,802 07
----------------	------------

Service other than Personal, Material, etc.:

Gasoline and oil.....	\$37 00
Truck hire.....	301 50

437 50

2,239 57

COTTAGE STREET

Personal Service:

Employees.....	\$333 70
----------------	----------

Service other than Personal, Material, etc.:

Concrete.....	338 89
---------------	--------

672 59

COTTAGE PARK AVENUE

Personal Service:

Employees.....	\$1,489 75
----------------	------------

Service other than Personal, Material, etc.:

Asphalt.....	\$85 62
Concrete.....	416 72
Gasoline and oil.....	59 70
Truck hire.....	421 50

983 54

2,473 29

DANA STREET

Personal Service:

Employees.....	\$4,755 90
----------------	------------

Service other than Personal, Material, etc.:

Gasoline and oil.....	\$23 10
Truck hire.....	813 00

836 10

5,592 00

Amounts carried forward..... \$86,469 62 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$86,469 62 \$18,148,203 46

STREET CONSTRUCTION — Continued**EDMUND STREET**

Service other than Personal, Material, etc.:
 Penetration asphalt delivered and applied..... 128 63

EIGHTH STREET

Personal Service:
 Employees..... \$7,499 11

Service other than Personal, Material, etc.:
 Asphalt..... \$281 30
 Concrete..... 1,757 44
 Gasoline and oil..... 151 90
 Stone..... 274 30
 Truck hire..... 604 50

3,069 44

10,568 55

FAIRMONT STREET

Personal Service:
 Employees..... \$303 47

Service other than Personal, Material, etc.:
 Concrete..... 515 78

819 25

FARRAR STREET

Personal Service:
 Employees..... \$2,165 50

Service other than Personal, Material, etc.:
 Asphalt..... \$274 40
 Concrete..... 1,569 23
 Gasoline and oil..... 37 30
 Stone..... 389 77
 Truck hire..... 740 00

2,519 70

4,685 20

FAYERWEATHER STREET

Personal Service:
 Employees..... \$9,466 13

Service other than Personal, Material, etc.:
 Asphalt..... \$1,299 09
 Coal..... 45 00
 Concrete..... 4,691 92
 Cutback..... 51 84
 Gasoline and oil..... 79 80
 Lanterns..... 31 40
 Shovels and handles.... 260 42
 Stone..... 720 21
 Truck hire..... 1,464 00

8,643 68

18,109 81

Amounts carried forward..... \$120,781 06 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward \$120,781 06 \$18,148,203 46

STREET CONSTRUCTION — Continued

FENNO STREET

Personal Service:

Employees \$3,340 51

Service other than Personal, Material, etc.:

Gasoline and oil \$14 50

Truck hire 295 50

310 00

3,650 51

FOCH STREET

Personal Service:

Employees \$1,149 84

Service other than Personal, Material, etc.:

Asphalt \$135 82

Concrete 844 20

Gasoline and oil 15 10

Stone 90 38

Truck hire 225 00

1,310 50

2,460 34

FOLLEN STREET

Personal Service:

Employees \$3,135 54

Service other than Personal, Material, etc.:

Asphalt \$259 76

Gasoline and oil 16 00

Stone 394 34

Truck hire 1,166 25

1,836 35

4,971 89

FOREST STREET

Personal Service:

Employees 354 50

FOSTER STREET

Service other than Personal, Material, etc.:

Stone 34 99

FRANCIS AVENUE

Personal Service:

Employees \$2,607 50

Service other than Personal, Material, etc.:

Gasoline and oil \$55 60

Stone 649 49

Truck hire 225 00

930 09

3,537 59

Amounts carried forward \$135,790 88 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$135,790 88 \$18,148,203 46

STREET CONSTRUCTION — Continued

GARDEN ROAD

Personal Service:

Employees..... \$2,677 05

Service other than Personal, Material, etc.:

Asphalt..... \$105 49

Concrete..... 513 99

Stone..... 128 37

Truck hire..... 21 00

768 85

3,445 90

GLADSTONE STREET

Personal Service:

Employees..... \$450 50

Service other than Personal, Material, etc.:

Asphalt..... \$145 05

Concrete..... 428 40

Stone..... 87 71

Truck hire..... 171 00

832 16

1,282 66

GRANVILLE ROAD

Personal Service:

Employees..... \$2,672 83

Service other than Personal, Material, etc.:

Truck hire..... 204 00

2,876 83

HAMPSHIRE STREET

Service other than Personal, Material, etc.:

Asphalt..... \$50 88

Brooms..... 45 40

Lumber..... 68 50

\$164 78

164 78

HARVARD STREET

Personal Service:

Employees..... \$1,884 66

Service other than Personal, Material, etc.:

Bar ties..... \$40 50

Concrete..... 2,180 67

Curing mats..... 300 00

Expansion joint..... 169 68

Gasoline and oil..... 2 00

Steel..... 1,219 05

Truck hire..... 312 00

4,223 90

6,108 56

Amounts carried forward..... \$149,669 61 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$149,669 61 \$18,148,203 46

STREET CONSTRUCTION — Continued

HIGHLAND STREET

Personal Service:

Employees..... \$258 08

Service other than Personal, Material, etc.:

Concrete..... \$428 44

Steel..... 91 98

520 42

778 50

HOLDEN STREET

Personal Service:

Employees..... \$2,059 99

Service other than Personal, Material, etc.:

Asphalt..... \$270 75

Concrete..... 1,467 64

Gasoline and oil..... 24 70

Stone..... 379 26

Truck hire..... 393 00

2,535 35

4,595 34

HOLWORTHY STREET

Service other than Personal, Material, etc.:

Stone.....

129 39

IRVING STREET

Personal Service:

Employees..... \$491 44

Service other than Personal, Material, etc.:

Concrete..... 258 00

749 44

KIRKLAND ROAD

Personal Service:

Employees..... \$703 25

Service other than Personal, Material, etc.:

Asphalt..... \$97 95

Concrete..... 374 06

Gasoline and oil..... 8 30

Stone..... 94 38

574 69

1,277 94

KIRKLAND STREET

Personal Service:

Employees..... \$1,741 55

Service other than Personal, Material, etc.:

Concrete..... \$1,486 80

Gasoline and oil..... 21 30

Truck hire..... 195 00

1,703 10

3,444 65

Amounts carried forward..... \$160,644 87 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward \$160,644 87 \$18,148,203 46

STREET CONSTRUCTION — Continued

LOPEZ STREET

Personal Service:		
Employees	\$5,091 75	
Service other than Personal, Material, etc.:		
Concrete	\$1,102 50	
Gasoline and oil	8 10	
Risers	52 50	
Truck hire	1,101 00	
	2,264 10	
		7,355 85

MAGAZINE STREET

Personal Service:		
Employees	\$6,220 92	
Service other than Personal, Material, etc.:		
Concrete	\$3,876 93	
Gasoline and oil	20 90	
Stone	830 66	
Truck hire	372 00	
	5,100 49	
		11,321 41

MAIN STREET

Personal Service:		
Employees	\$1,060 10	
Service other than Personal, Material, etc.:		
Truck hire	192 00	
		1,252 10

MALCOLM ROAD

Personal Service:		
Employees	\$1,339 75	
Service other than Personal, Material, etc.:		
Truck hire	108 00	
		1,447 75

MARKET STREET

Personal Service:		
Employees	\$1,006 80	
Service other than Personal, Material, etc.:		
Asphalt	\$480 69	
Coal	9 00	
Concrete	3,673 30	
Lanterns	34 00	
Stone	159 52	
Truck hire	784 50	
	5,141 01	
		6,147 81

Amounts carried forward \$188,169 79 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward \$188,169 79 \$18,148,203 46

STREET CONSTRUCTION — Continued

MOUNT AUBURN STREET

Personal Service:

Employees \$1,300 00

Service other than Personal, Material, etc.:

Asphalt \$184 80

Rental of equipment 1,338 00

Stone 572 81

2,095 61

Payment to county (excess in allotment) 37 62

3,433 23

NEWMAN STREET

Personal Service:

Employees \$669 00

Service other than Personal, Material, etc.:

Asphalt \$135 82

Concrete 441 79

Gasoline and oil 14 70

Truck hire 45 00

637 31

1,306 31

NINTH STREET

Personal Service:

Employees 1,377 25

OAKLAND STREET

Personal Service:

Employees \$474 94

Service other than Personal, Material, etc.:

Concrete 520 28

995 22

OTIS STREET

Personal Service:

Employees \$610 89

Service other than Personal, Material, etc.:

Concrete \$153 57

Gasoline and oil 10 90

Mixture 1,092 40

Stone 35 07

Truck hire 25 50

1,317 44

1,928 33

Amounts carried forward \$197,210 13 \$18,148,203 46

Highways and Bridges — *Continued*

Amounts brought forward..... \$197,210 13 \$18,148,203 46

STREET CONSTRUCTION — *Continued*

OXFORD STREET

Personal Service:

Employees..... \$5,585 47

Service other than Personal, Material, etc.:

Asphalt..... \$393 56

Concrete..... 2,197 91

Gasoline and oil..... 54 20

Line..... 6 00

Stone..... 464 15

Truck hire..... 651 00

3,766 82

9,352 29

PALERMO STREET

Personal Service:

Employees..... 1,135 75

PARK STREET

Personal Service:

Employees..... \$1,835 07

Service other than Personal, Material, etc.:

Asphalt..... \$228 56

Concrete..... 1,115 71

Stone..... 231 24

Truck hire..... 67 50

1,643 01

3,478 08

PETERS STREET

Personal Service:

Employees..... \$4,593 23

Service other than Personal, Material, etc.:

Truck hire..... 498 00

5,091 23

PLYMOUTH STREET

Personal Service:

Employees..... \$8,885 99

Service other than Personal, Material, etc.:

Asphalt..... \$291 12

Concrete..... 1,571 59

Gasoline and oil..... 16 10

Stone..... 406 24

Truck hire..... 1,179 00

3,464 05

12,350 04

Amounts carried forward..... \$228,617 52 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward \$228,617 52 \$18,148,203 46

STREET CONSTRUCTION — Continued

PRENTISS STREET

Personal Service:

Employees \$955 67

Service other than Personal, Material, etc.:

Asphalt \$150 00

Stone 202 76

Truck hire 187 50

540 26

1,495 93

PUTNAM AVENUE

Personal Service:

Employees \$3,174 92

Service other than Personal, Material, etc.:

Concrete \$905 63

Risers 42 00

Truck hire 942 00

1,889 63

5,064 55

RAYMOND STREET

Personal Service:

Employees 1,038 25

RESERVOIR STREET

Personal Service:

Employees \$2,219 00

Service other than Personal, Material, etc.:

Concrete \$4,718 18

Gasoline and oil 35 80

Risers 42 00

Truck hire 264 00

5,059 98

7,278 98

RICHDALÉ AVENUE

Personal Service:

Employees 12,629 11

SAVILLE STREET

Personal Service:

Employees \$5,247 73

Service other than Personal, Material, etc.:

Gasoline and oil \$29 40

Truck hire 303 00

332 40

5,580 13

Amounts carried forward \$261,704 47 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$261,704 47 \$18,148,203 46

STREET CONSTRUCTION — Continued

SECKLE STREET

Personal Service:		
Employees.....	\$920 00	
Service other than Personal, Material, etc.:		
Truck hire.....	123 00	
		1,043 00

SECOND STREET

Service other than Personal, Material, etc.:		
Stone.....		116 71

SEVEN PINES AVENUE

Personal Service:		
Employees.....	\$1,006 63	
Service other than Personal, Material, etc.:		
Asphalt.....	\$186 49	
Stone.....	194 76	
		381 25
		1,387 88

SEVENTH STREET

Personal Service:		
Employees.....	\$9,798 34	
Service other than Personal, Material, etc.:		
Gasoline and oil.....	\$26 70	
Pick handles.....	19 00	
Truck hire.....	966 00	
		1,011 70
		10,810 04

SIDNEY STREET

Personal Service:		
Employees.....	\$5,393 37	
Service other than Personal, Material, etc.:		
Asphalt.....	\$210 97	
Concrete.....	1,023 35	
Crowbars.....	14 08	
Gasoline and oil.....	20 40	
Globes.....	9 60	
Hinges and hasps.....	4 50	
Lampblack.....	20	
Lanterns.....	68 00	
Line.....	6 00	
Lumber.....	66 75	
Picks and handles.....	295 35	
Steel bars.....	61 32	
Stone.....	248 82	
Tampers.....	16 50	
Truck hire.....	1,699 50	
		3,745 34
		9,138 71

Amounts carried forward..... \$284,200 81 \$18,148,203 46

Highways and Bridges — *Continued*

Amounts brought forward \$284,200 81 \$18,148,203 46

STREET CONSTRUCTION — *Continued*

SPARKS STREET

Personal Service:

Employees \$3,435 70

Service other than Personal, Material, etc.:

Asphalt \$527 44
 Concrete 2,615 55
 Gasoline and oil 25 60
 Stone 724 38
 Truck hire 60 00
 _____ 3,952 97

7,388 67

SPRING STREET

Personal Service:

Employees \$28,187 01

Service other than Personal, Material, etc.:

Asphalt \$140 65
 Brick hammers 2 00
 Coal 45 00
 Crowbars 112 44
 Gasoline, oil and kerosene 79 60
 Lumber 33 00
 Picks and handles 177 21
 Rammers 58 80
 Shovels and handles 404 26
 Stone 231 91
 Tamping bars 84 48
 Truck hire 2,850 00
 _____ 4,219 35

32,406 36

STANDISH STREET

Personal Service:

Employees \$557 15

Service other than Personal, Material, etc.:

Asphalt \$430 56
 Concrete 1,959 83
 Stone 608 92
 Truck hire 18 00
 _____ 3,017 31

3,574 46

SUMNER ROAD

Personal Service:

Employees \$170 93

Service other than Personal, Material, etc.:

Concrete \$387 00
 Steel 91 98
 _____ 478 98

649 91

Amounts carried forward \$328,220 21 \$18,148,203 46

Highways and Bridges — *Continued*

Amounts brought forward..... \$328,220 21 \$18,148,203 46

STREET CONSTRUCTION — *Continued*

TRAYMORE STREET

Personal Service:

Employees..... \$1,196 50

Service other than Personal, Material, etc.:

Gasoline and oil..... \$35 30

Truck hire..... 72 00

107 30

1,303 80

TROWBRIDGE STREET

Personal Service:

Employees..... \$2,998 26

Service other than Personal, Material, etc.:

Concrete..... \$712 97

Truck hire..... 132 00

844 97

3,843 23

TUTTLE STREET

Personal Service:

Employees..... \$2,211 75

Service other than Personal, Material, etc.:

Gasoline and oil..... 24 60

2,236 35

WADSWORTH STREET

Service other than Personal, Material, etc.:

Asphalt..... 514 50

WALDEN STREET

Personal Service:

Employees..... \$11,500 95

Service other than Personal, Material, etc.:

Asphalt..... \$347 23

Gasoline and oil..... 24 20

Lanterns and globes.... 160 80

Levels..... 3 00

Picks..... 98 45

Shovels..... 163 50

Tapes..... 7 50

Tampers..... 30 25

Truck hire..... 771 00

1,605 93

13,106 88

WARLAND STREET

Personal Service:

Employees..... \$1,666 22

Service other than Personal, Material, etc.:

Asphalt..... \$271 63

Concrete..... 920 72

Gasoline and oil..... 12 60

Stone..... 286 46

1,491 41

3,157 63

Amounts carried forward..... \$352,382 60 \$18,148,203 46

Highways and Bridges — Continued

Amounts brought forward..... \$352,382 60 \$18,148,203 46

STREET CONSTRUCTION — Continued**WASHINGTON STREET****Personal Service:**

Employees..... \$933 92

Service other than Personal, Material, etc.:

Asphalt..... \$421 89
Concrete..... 1,046 85
Stone..... 111 21
Truck hire..... 36 00

1,615 95

2,549 87

WEST STREET**Personal Service:**

Employees..... \$1,878 02

Service other than Personal, Material, etc.:

Asphalt..... \$223 78
Concrete..... 365 82
Gasoline and oil..... 58 20
Stone..... 323 79
Truck hire..... 147 00

1,318 59

3,196 61

WILLARD STREET**Service other than Personal, Material, etc.:**

Asphalt..... \$820 67
Stone..... 18 99

\$839 66

839 66

WINDSOR STREET**Personal Service:**

Employees..... \$750 37

Service other than Personal, Material, etc.:

Asphalt..... \$1,239 01
Concrete..... 2,149 89
Stone..... 1,081 53
Stone dust..... 27 26
Truck hire..... 114 00

4,611 69

5,362 06

YORK STREET**Service other than Personal, Material, etc.:**

Stone..... 92 24

Amounts carried forward..... \$364,423 04 \$18,148,203 46

Highways and Bridges — *Concluded*

Amounts brought forward \$364,423 04 \$18,148,203 46

STREET MAINTENANCE — *Concluded*

YORKTOWN STREET

Personal Service:

Employees \$1,623 50

Service other than Personal, Material, etc.:

Asphalt	\$237 35	
Coal	45 00	
Concrete	396 90	
Gasoline and oil	19 30	
Stone	409 01	
Truck hire	252 00	
	1,359 56	
		2,983 06

SIDEWALK CONSTRUCTION

Personal Service:

Employees \$39,025 06

Service other than Personal, Material, etc.:

Bolts	\$15 00	
Brick	1,244 80	
Brooms	45 40	
Cement	195 00	
Cinders	84 00	
Concrete	7,839 93	
Crayons	15 50	
Crowbars	55 92	
Curbing	1,182 35	
Edgestone	2,592 82	
Gasoline and oil	235 40	
Grade line	6 00	
Lampblack	149 50	
Lanterns	150 48	
Lumber	141 20	
Range oil	7 50	
Sand	430 76	
Sheathing	27 50	
Steel	86 92	
Stone	35 28	
Stone dust	52 48	
Strapping	50 00	
Tampers	81 00	
Tapes and levels	11 10	
Tools	48 50	
Truck hire	10,915 25	
	25,699 59	
		64,724 65

Inspection of Materials — sundry streets 2,299 88

434,430 63

Amount carried forward \$18,582,634 09

PWA PROJECTS

Amount brought forward \$18,582,634 09

LIBRARY

Construction and equipment.....	\$1,880 72	
Architect's fee.....	742 84	
Coördinator.....	6 00	
Stenographer.....	2 00	
Blueprints.....	93	
Telephone.....	1 23	
		2,633 72

WEBSTER SCHOOL

Construction and equipment.....	\$57,809 02	
Architect's fee.....	1,745 76	
Engineer.....	245 43	
Clerk of works.....	300 00	
Coördinator.....	247 34	
Stenographer.....	140 00	
Inspection of materials.....	60	
Fuel.....	277 15	
Advertising.....	13 25	
Blueprints.....	61 07	
Postage.....	7 00	
Telephone.....	20 99	
		60,867 61

HIGH AND LATIN SCHOOL

Construction and equipment.....	\$297,274 61	
Architect's fee.....	20,300 83	
Educational advisor.....	500 00	
Clerk of works.....	1,480 00	
Coördinator.....	597 66	
Stenographer.....	339 75	
Inspection of material.....	181 45	
Advertising.....	194 95	
Postage.....	17 00	
Office supplies.....	10 75	
Express.....	4 39	
Telephone.....	52 64	
		320,954 03

CITY HOSPITAL (MATERNITY BUILDING)

Construction and equipment.....	\$63,861 36	
Architect's fees.....	2,316 43	
Clerk of works.....	433 33	
Assistant clerk of works.....	33 33	
Coördinator.....	135 66	
Stenographer.....	60 75	
Blueprints.....	8 76	
Telephone.....	12 58	
		66,862 20

Amount carried forward \$19,033,951 65

PWA Projects — *Concluded*

Amount brought forward \$19,033,951 65

MUNICIPAL INCINERATOR

Construction	\$28,188 87	
Architect's fee	5,191 56	
Coördinator	46 66	
Stenographer	22 50	
Inspection of materials	68 65	
Blueprints	4 65	
Office supplies	6 75	
Telephone	9 92	
		33,539 56

MUNICIPAL GARAGE

Construction	\$10,356 43	
Architect's fee	1,412 96	
Coördinator	82 34	
Stenographer	37 00	
Telephone	7 99	
Express	25	
		11,896 97

TUBERCULOSIS HOSPITAL

Construction and equipment	\$91,238 28	
Architect's fee	5,597 12	
Coördinator	304 34	
Stenographer	174 25	
Inspection of materials	103 62	
Insurance	231 46	
Advertising	33 60	
Telephone	98 68	
Express	1 00	
		97,782 35

REPAIR OF BRIDGES

Construction	\$18,140 87	
Engineer	1,027 97	
Coördinator	53 32	
Stenographer	23 75	
Inspection of materials	21 88	
Telephone	5 33	
		19,273 12

See insert "Analysis of Appropriation Accounts", column 13 \$1,327,287 33

REFUNDS

Sewer Construction	\$680 10	
Webster School Construction (PWA)	304 10	
City Hospital (Maternity Building) Construction (PWA)	320 66	
		1,304 86

Total Payment Outlays

1,328,592 19

Total Payments \$19,197,748 51

Cash Balance, December 31, 1940 727,653 21

\$19,925,401 72

TRUST FUNDS

WEBSTER THIERRY HISTORY PRIZE FUND

A donation in the amount of \$300 by Mrs. Louis J. Thierry in memory of her son, Webster Thierry, who died while a student in Latin School. The income to be expended annually to purchase a book or books for presentation as a prize to the pupil adjudged by the headmaster of the Cambridge High and Latin School to have done the best work in the most advanced course in American History and Government which is given in said school during the current year. Said prize is to be denominated the Webster Thierry prize and each volume constituting said prize is to contain a book plate so designating.

JOHN WESLEY FREESE FUND

This is a fund in the amount of \$89.36 bequeathed by the late John Wesley Freese in November, 1914. The fund is to accumulate for twenty years, after which time a sum not in excess of three-fourths of the annual income is to be expended for books or works of art for the Houghton School.

SARAH E. RUSSELL FUND

A bequest to the City of Cambridge, under the will of Sarah E. Russell, in the amount of \$814.41, the income to be expended annually in, or towards, providing a Christmas tree or Christmas gifts and entertainments for the inmates of the City Infirmary. Mrs. Russell was the widow of Hon. Charles Theodore Russell, the mother of Hon. William Eustis Russell, and the grandmother of Hon. Richard Manning Russell, all of whom served the City as Mayor.

BRIDGE CHARITABLE FUND

Founded by the late Levi Bridge of Cambridge, in his lifetime, by a deed of trust dated August 12, 1875, and upon his death, April 15, 1876, the fund came under the control of the City. In October, 1877, Samuel F. Bridge, a relative of the founder, donated a sum sufficient to double the original fund. One-third of the annual income is added to the principal, the remainder expended by the Board of Public Welfare.

REV. PATRICK H. CALLANAN FUND

A gift in the amount of \$2,000 by Rev. Patrick H. Callanan, pastor of St. Peter's Roman Catholic Church, the principal to be invested and the income to be expended annually for a "feast day" on December 18 for the inmates of the City Infirmary.

EDWARD L. KINGMAN SCHOLARSHIP FUND

A bequest in the amount of \$1,700 under the will of Alice M. Kingman, "the income to be paid annually to the student who graduated from the Cambridge High School or the Cambridge Latin School with the highest grade, during his first year in college. If the pupil who graduated with the highest grade does not go to college, the income shall be paid to the pupil with the highest grade who does go to college. This fund shall be known as the Edward L. Kingman Scholarship."

Trust Funds — Continued**CITIZENS' SUBSCRIPTION FUND — LIBRARY**

In 1899 a committee of citizens raised, by subscription, a fund for the purchase of books at the time the new Public Library building was opened. The unexpended balance, \$5,500, was invested and the income is used for the same purpose.

CUMMINGS FUND — LIBRARY

A bequest under the will of Daniel P. Cummings, who died May 3, 1889, in the amount of \$2,000, the income to be expended for non-sectarian books for the Public Library.

FAY FUND — LIBRARY

A bequest under the will of Isaac Fay, who died December 20, 1872, in the amount of \$1,000 to the Dana Library, now the Cambridge Public Library, the income to be expended for books for said library.

WILLIAM SAUNDERS FUND — LIBRARY

Bequest under the will of Abigail L. Prentiss: the residuary estate, after the termination of certain annuities, was paid to the City in trust to be invested, the income to be expended for the purchase and care of books to be placed in the William E. Saunders Alcove, in the Public Library.

JAMES A. WOOLSON FUND — LIBRARY

Bequest under the will of James A. Woolson in the amount of \$5,000, the income to be expended for the purchase of books, an appropriate bookplate to be placed in each book.

WILLIAM PENN HARDING FUND — LIBRARY

A bequest to the City of Cambridge under the will of William Penn Harding in the amount of \$1,000, the income to be expended by the Trustees of the Public Library for the purchase of recent books on science, art or travel of a popular and instructive character. To be designated the William Penn Harding Fund, which designation shall be printed in all the books so purchased.

CARRIE H. SAUNDERS FUND — LIBRARY

A bequest under the will of Carrie H. Saunders in the amount of \$1,000 to be invested and the income to be expended for works on art. The fund to be known as the Carrie H. Saunders Fund.

CITIZEN OF CAMBRIDGE FUND — LIBRARY

Principal of fund, \$7,400. Donated by a citizen of Cambridge, \$3,000 in 1923, \$2,000 in 1924 and \$2,400 in 1926. The income on \$1,000 to be expended for the purchase of books on art, the income on the balance to be expended for the work of Americanization and the purchase of books for the library.

Trust Funds — *Concluded***GEORGIA HARDY SPELLING CONTEST FUND**

A gift in the amount of \$100 from Georgia Hardy to be invested and the income to be expended for one or more books, to be used as prizes to the winners of a spelling contest to be conducted annually among the students of the senior class of the Cambridge High and Latin School for the purpose of promoting interest in the correct spelling of words of the English language.

CEMETERY PERPETUAL CARE FUND

Held in trust by the City, comprising amounts received from proprietors of lots in Cambridge Cemetery for perpetual care of the respective lots.

CONDITION OF THE TRUST FUNDS

December 31, 1940

WEBSTER THIERRY FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$335 12	\$335 12
Amount in fund December 31, 1940		336 12	336 12
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$8 39	Added to savings deposit....	\$1 00
		Transferred to city.....	7 39
Total.....	<u>\$8 39</u>	Total.....	<u>\$8 39</u>

FREESE FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$221 34	\$221 34
Amount in fund December 31, 1940.....		222 44	222 44
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$4 42	Added to savings deposit....	\$1 10
		Transferred to city.....	3 32
Total.....	<u>\$4 42</u>	Total.....	<u>\$4 42</u>

KINGMAN FUND

School

		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$1,700 00	\$1,700 00
Amount in fund December 31, 1940.....		1,700 00	1,700 00
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$42 50	Transferred to city.....	\$42 50
Total.....	<u>\$42 50</u>	Total.....	<u>\$42 50</u>

GEORGIA HARDY SPELLING CONTEST FUND

School

		<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$100 00	\$100 00
Amount in fund December 31, 1940.....		100 00	100 00
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$9 00	Transferred to city.....	\$9 00
Total.....	<u>\$9 00</u>	Total.....	<u>\$9 00</u>

BRIDGE FUND

Welfare

		<i>Savings Deposit</i>	<i>Total</i>
On hand January 1, 1940.....		\$3,640 10	\$3,640 10
On hand December 31, 1940.....		3,670 50	3,670 50
	<i>Receipts</i>	<i>Payments</i>	
Income.....	\$91 19	Added to savings deposit....	\$30 40
		Transferred to city.....	60 79
Total.....	<u>\$91 19</u>	Total.....	<u>\$91 19</u>

Trust Funds — Continued

RUSSELL FUND

Welfare			
		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$814 41	\$814 41
Amount in fund December 31, 1940.....		814 41	814 41
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$16 28	Transferred to city.....	\$16 28
Total.....	<u>\$16 28</u>	Total.....	<u>\$16 28</u>

CALLANAN FUND

Welfare			
		<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$2,000 00	\$2,000 00
Amount in fund December 31, 1940.....		2,000 00*	2,000 00
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$40 00	Transferred to city.....	\$40 00
Total.....	<u>\$40 00</u>	Total.....	<u>\$40 00</u>

* In closed bank — \$400.00

CITIZENS' SUBSCRIPTION FUND

Library			
	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940 . . .	\$126 04	\$5,500 00	\$5,626 04
Amount in fund December 31, 1940	126 04*	5,500 00†	5,626 04
<i>Receipts</i>		<i>Payments</i>	
Income	\$135 00	Transferred to city	\$135 00
Cash on hand January 1, 1940	126 04	Cash on hand December 31, 1940	126 04
Total	<u>\$261 04</u>	Total	<u>\$261 04</u>

* In closed bank — \$126.04

† In closed bank — \$100.00

CUMMINGS FUND

Library			
	Cash	Savings Deposit	Total
On hand January 1, 1940.....	\$169 94	\$2,000 00	\$2,169 94
On hand December 31, 1940.....	169 94*	2,000 00	2,169 94
Receipts		Payments	
Income.....	\$50 00	Transferred to city.....	\$50 00
Cash on hand January 1, 1940	169 94	Cash on hand December 31, 1940.....	169 94
Total.....	<u>\$219 94</u>	Total.....	<u>\$219 94</u>

* In closed bank, \$169.94

Trust Funds — Continued

FAY FUND

	Library		Total
	Cash	Savings Deposit	
On hand January 1, 1940.....	\$58 21	\$1,000 00	\$1,058 21
On hand December 31, 1940.....	58 21*	1,000 00	1,058 21
Receipts		Payments	
Income.....	\$20 00	Transferred to city.....	\$20 00
Cash on hand January 1, 1940	58 21	Cash on hand December 31, 1940.....	58 21
Total.....	<u>\$78 21</u>	Total.....	<u>\$78 21</u>

* In closed bank, \$58.21

HOWE FUND

	Library		Total
	Cash	Savings Deposit	
Amount in fund January 1, 1940...	\$61 32	\$3,000 00	\$3,061 32
Amount in fund December 31, 1940.	61 32*	3,000 00	3,061 32
Receipts		Payments	
Income.....	\$75 00	Transferred to city.....	\$75 00
Cash on hand January 1, 1940	61 32	Cash on hand December 31, 1940.....	61 32
Total.....	<u>\$136 32</u>	Total.....	<u>\$136 32</u>

* In closed bank, \$61.32

MURDOCK FUND

	Library		Total
	Cash	Savings Deposit	
Amount in fund January 1, 1940...	\$271 61	\$2,000 00	\$2,271 61
Amount in fund December 31, 1940	271 61*	2,000 00	2,271 61
Receipts		Payments	
Income.....	\$40 00	Transferred to city.....	\$40 00
Cash on hand January 1, 1940	271 61	Cash on hand December 31, 1940.....	271 61
Total.....	<u>\$311 61</u>	Total.....	<u>\$311 61</u>

* In closed bank, \$271.61

WILLIAM SAUNDERS FUND

	Library		Total
	Cash	Savings Deposit	
Amount in fund January 1, 1940...	\$228 46	\$7,000 00	\$7,228 46
Amount in fund December 31, 1940	228 46*	7,000 00	7,228 46
Receipts		Payments	
Income.....	\$175 00	Transferred to city.....	\$175 00
Cash on hand January 1, 1940	228 46	Cash on hand December 31, 1940.....	228 46
Total.....	<u>\$403 46</u>	Total.....	<u>\$403 46</u>

* In closed bank, \$228.46

Trust Funds — Continued

WHORF FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$277 45		\$3,000 00	\$3,277 45
Amount in fund December 31, 1940	277 45*	\$1,000 00	2,000 00	3,277 45
<i>Receipts</i>		<i>Payments</i>		
Securities sold (called) par value.....	\$1,000 00	Deposited in savings bank ..		\$1,000 00
Premium, securities sold....	40 00	Transferred to city.....		165 43
Income.....	125 43	Cash on hand December 31, 1940.....		277 45
Cash on hand January 1, 1940	277 45			
Total.....	<u>\$1,442 88</u>	Total.....		<u>\$1,442 88</u>

* In closed bank, \$277.45

WILSON FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$1,506 22	\$1,506 22
Amount in fund December 31, 1940.....		1,544 11	1,544 11
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$37 89	Added to savings deposit....	\$37 89
Total.....	<u>\$37 89</u>	Total.....	<u>\$37 89</u>

WOOLSON FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$239 43	\$5,000 00	\$5,239 43
Amount in fund December 31, 1940.	239 43*	5,000 00	5,239 43
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$125 00	Transferred to city.....	\$125 00
Cash on hand January 1, 1940	239 43	Cash on hand December 31, 1940.....	239 43
Total.....	<u>\$364 43</u>	Total.....	<u>\$364 43</u>

* In closed bank, \$239.43

HARDING FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$40 49	\$1,000 00	\$1,040 49
Amount in fund December 31, 1940.	40 49*	1,000 00	1,040 49
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$25 00	Transferred to city.....	\$25 00
Cash on hand January 1, 1940	40 49	Cash on hand December 31, 1940.....	40 49
Total.....	<u>\$65 49</u>	Total.....	<u>\$65 49</u>

* In closed bank, \$40.49

Trust Funds — Continued

CARRIE H. SAUNDERS FUND

Library

	<i>Library</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940.....		\$1,000 00	\$1,000 00
Amount in fund December 31, 1940.....		1,000 00	1,000 00
	<i>Receipts</i>		<i>Payments</i>
Income.....	\$25 00	Transferred to city.....	\$25 00
Total.....	<u>\$25 00</u>	Total.....	<u>\$25 00</u>

CITIZEN OF CAMBRIDGE FUND

Library

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$1,450 28	\$7,400 00	\$8,850 28
Amount in fund December 31, 1940.	1,450 28*	7,400 00†	8,850 28
<i>Receipts</i>		<i>Payments</i>	
Income.....	\$163 00	Transferred to city.....	\$163 00
Cash on hand January 1, 1940	1,450 28	Cash on hand December 31, 1940.....	1,450 28
Total.....	<u>\$1,613 28</u>	Total.....	<u>\$1,613 28</u>

* In closed bank, \$1,450.28

† In closed bank, \$880.00

CEMETERY PERPETUAL CARE FUND

	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
On hand January 1, 1940.....	\$152,846 62	\$104,500 00	\$257,346 62
On hand December 31, 1940.....	156,730 37	104,500 00	261,230 37
<i>Receipts</i>		<i>Payments</i>	
Bequests and deposits....	\$3,913 75	Added to savings deposit..	\$3,913 75
Income.....	7,675 69	Transferred to city.....	7,675 69
Withdrawn from savings deposit.....	30 00	Refunded to depositor....	30 00
Total.....	<u>\$11,619 44</u>	Total.....	<u>\$11,619 44</u>

GENERAL LOANS SINKING FUND

	<i>Cash</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$66,084 35	\$2,058,500 00	\$2,124,584 35
Amount in fund December 31, 1940.	110,757 93	1,790,000 00	1,900,757 93
<i>Receipts</i>		<i>Payments</i>	
Securities, sold or matured, par value.....	\$675,000 00	Securities purchased, par value.....	\$406,500 00
Premiums, securities sold	52,164 40	Premiums, securities purchased.....	8,571 87
Accrued interest, securities sold.....	3,198 02	Accrued interest, securities purchased.....	1,275 91
Discounts, securities purchased.....	951 25	Collection charges.....	7 82
Income on investments....	65,715 51	Transferred to city to pay maturing debt.....	336,000 00
Cash on hand January 1, 1940.....	66,084 35	Cash on hand December 31, 1940.....	110,757 93
Total.....	<u>\$863,113 53</u>	Total.....	<u>\$863,113 53</u>

Trust Funds — Continued

WATER LOANS SINKING FUND

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1940.....	\$2,232 12	\$34,039 79	\$11,500 00	\$47,771 91
Amount in fund December 31, 1940.....	1,545 80	9,958 72	26,500 00	38,004 52
<i>Receipts</i>		<i>Payments</i>		
Securities sold, par value..	\$10,000 00	Securities purchased, par value.....		\$25,000 00
Income on investments....	1,053 22	Premium, securities purchased.....		1,123 37
Withdrawn from savings deposit.....	24,081 07	Accrued interest, securities purchased.....		93 24
		Charges, tax, commission		16 50
		Discount, securities sold		9,587 50
Cash on hand January 1, 1940.....	2,232 12	Cash on hand December 31, 1940.....		1,545 80
Total.....	<u>\$37,366 41</u>	Total.....		<u>\$37,366 41</u>

RETIREMENT SYSTEM FUNDS

Act of 1931

Annuity Savings Fund

	Savings Deposit	Securities Par Value	Total
Amount in fund January 1, 1940.....	\$14,814 66	\$129,000 00	\$143,814 66
Amount in fund December 31, 1940....	36,463 51	129,000 00	165,463 51
<i>Receipts</i>		<i>Payments</i>	
Payroll deductions.....	\$19,516 55	Transferred to Annuity Reserve Fund.....	\$919 39
Payroll deduction 1936 System reported 1931 System	12 23	Refunded to members withdrawing.....	2,827 50
To be adjusted:		Transferred to 1936 System	12 23
Payroll deduction 1936 System reported 1931 System.....	\$1 99		
Erroneous deposit	3 40		
	5 39		
Earnings on investments..	5,873 80		
Withdrawn from savings deposit.....	3,759 12	Added to savings deposit	25,407 97
Total.....	\$29,167 09	Total.....	\$29,167 09

Trust Funds — Continued

Retirement System Funds — Continued

Annuity Reserve Fund

	Cash	Savings Deposit	Total
Amount in fund January 1, 1940.....	\$95 11	\$11,193 62	\$11,288 73
Amount in fund December 31, 1940.....	56 43	10,576 18	10,632 61
<i>Receipts</i>		<i>Payments</i>	
From Annuity Savings Fund	\$919 39	Annuities.....	\$1,788 68
Earnings on investments...	213 17	Added to savings deposit	1,132 56
Withdrawn from savings deposit.....	1,750 00		
Cash on hand January 1, 1940.....	95 11	Cash on hand December 31, 1940.....	56 43
Total.....	<u>\$2,977 67</u>	Total.....	<u>\$2,977 67</u>

Pension Accumulation Fund

	Cash	Savings Deposit	Securities Par Value	Total
Amount in fund January 1, 1940.....	\$158 97	\$54,129 24	\$121,000 00	\$175,288 21
Amount in fund December 31, 1940.....	94 45	8,283 86	76,000 00	84,378 31
<i>Receipts</i>		<i>Payments</i>		
* Contributions:		Pensions.....		\$27,014 52
School Dept. \$3,864 00		Transferred to 1936 Sys- tem:		
Water Dept. 771 04		Securities \$45,000 00		
		Savings deposit 27,529 39		
	\$4,635 04			72,529 39
Securities transferred to 1936 System.....	45,000 00			
Earnings.....	3,998 97	Added to savings deposit		8,634 01
Withdrawn from savings deposit.....	54,479 39			
Cash on hand January 1, 1940.....	158 97	Cash on hand December 31, 1940.....		94 45
Total.....	<u>\$108,272 37</u>	Total.....		<u>\$108,272 37</u>

* The decision of the Supreme Judicial Court on the 1940 budget precluded the appropriation of the city's contribution in 1940.

Reconciliation of Bank Deposits

Checking Accounts

December 31, 1940

Balance Harvard Trust Company, per statement.....	\$44 33
Outstanding check, verified.....	<u>44 33</u>
Balance, County Bank and Trust Company, per statement.....	\$2,402 31
Balance per check register.....	\$150 88
Outstanding checks, verified.....	<u>2,251 43</u>
	<u>2,402 31</u>

Trust Funds — Continued

Retirement System Funds — Continued

Reconciliation of Cash on Hand

December 31, 1940

Balance January 1, 1940.....	\$254 08	
From Annuity Reserve Fund, verified.....	1,750 00	
From Pension Accumulation Fund, verified.....	26,950 00	
		\$28,954 08
Annuities paid.....	\$1,788 68	
Pensions paid.....	27,014 52	
Balance, County Bank and Trust Company.....	150 88	
		<u>28,954 08</u>

RETIREMENT SYSTEM FUNDS

Act of 1936

Annuity Savings Fund

	<i>Savings Deposit</i>	<i>Securities Par Value</i>	<i>Total</i>
Amount in fund January 1, 1940.....	\$53,184 53	\$25,000 00	\$78,184 53
Amount in fund December 31, 1940...	85,089 47	25,000 00	110,089 47

Receipts

Payroll deductions	\$35,403 13
Adjustment: Payroll deductions 1936 System reported 1931 System	12 23
Reported in error.....	28 96
Earnings.....	2,443 39
Withdrawn from savings deposit.....	5,953 81
Total.....	<u>\$43,841 52</u>

Payments

Transferred to Annuity Reserve Fund.....	\$2,878 85
Refunded to members withdrawing.....	3,074 96
Adjustment to be made: Reported in error....	28 96
Added to savings deposit	37,858 75
Total.....	<u>\$43,841 52</u>

Annuity Reserve Fund

	<i>Cash</i>	<i>Savings Deposit</i>	<i>Total</i>
Amount in fund January 1, 1940...	\$27 67	\$1,381 91	\$1,409 58
Amount in fund December 31, 1940.	113 27	3,857 95	3,971 22

Receipts

From Annuity Savings Fund	\$2,878 85
Earnings.....	47 19
Withdrawn from savings deposit.....	450 00
Cash on hand January 1, 1940.....	27 67
Total.....	<u>\$3,403 71</u>

Payments

Annuities.....	\$364 40
Added to savings deposit	2,926 04
Cash on hand December 31, 1940.....	113 27
Total.....	<u>\$3,403 71</u>

Trust Funds — *Concluded*
Retirement System Funds — *Concluded*

Pension Accumulation Fund				
	Cash	Savings Deposit	Securities Par Value	Total
Amount in fund January 1, 1940.....	\$34 33	\$4,184 59		\$4,218 92
Amount in fund December 31, 1940.....	78 09	50,624 28	\$25,000 00	75,702 37
<i>Receipts</i>		<i>Payments</i>		
From 1931 System — securities... \$45,000 00		Securities transferred from 1931 System		\$45 000,00
Savings deposit... 27,529 39				
	\$72,529 39			
Securities matured (called).	20,000 00	Pensions.....		4,056 24
Premium, securities called.	600 00			
Accrued interest, securities called.....	497 50			
Earnings on investments..	1,912 80			
Withdrawn from savings deposit.....	4,100 00	Added to savings deposit		50,539 69
Cash on hand January 1, 1940	34 33	Cash on hand December 31, 1940.....		78 09
Total.....	\$99,674 02	Total.....		\$99,674 02

Reconciliation of Bank Deposit
Checking Account
December 31, 1940

Balance Harvard Trust Company, per statement.....		\$847 19
Balance per check register.....	\$191 36	
Outstanding checks, verified.....	655 83	
		\$847 19

Reconciliation of Cash on Hand
December 31, 1940

Balance January 1, 1940.....	\$62 00	
Transferred from Annuity Reserve Fund, verified...	450 00	
Transferred from Pension Accumulation Fund, veri- fied.....	4 100 00	
		\$4,612 00
Annuities paid.....	\$364 40	
Pensions paid.....	4 056 24	
Balance, Harvard Trust Company.....	191 36	
		\$4,612 00



CITY OF CAMBRIDGE
MASSACHUSETTS

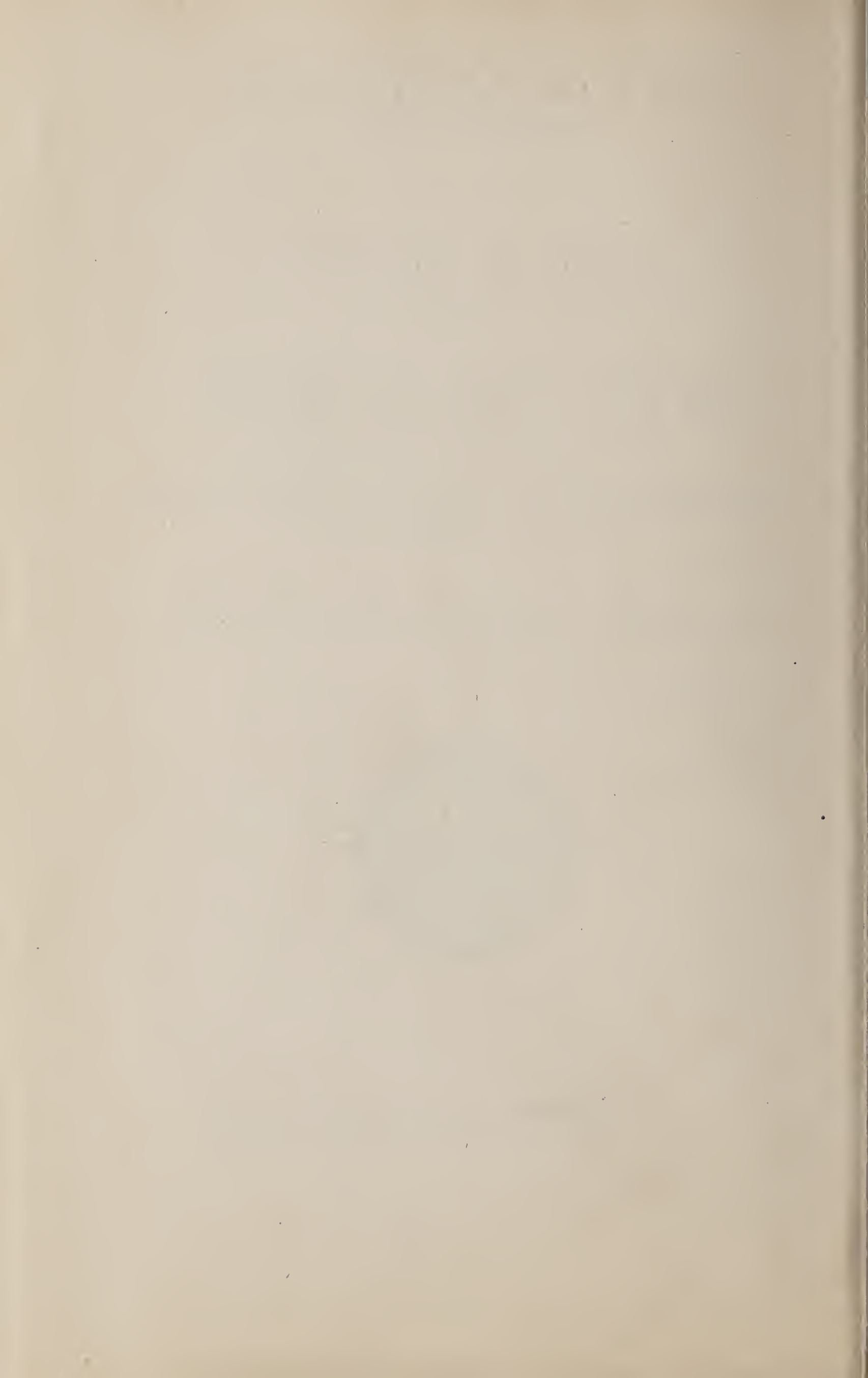
ANNUAL REPORT
OF THE
CITY TREASURER

TOGETHER WITH THE REPORT OF THE
COMMISSIONERS OF SINKING FUNDS OF THE
CITY OF CAMBRIDGE

For the Year Ending December 31, 1940



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK



REPORT OF CITY TREASURER

LETTER OF TRANSMITTAL

Cambridge, Mass., January 1, 1941

To the Honorable City Council:

In compliance with the provisions of Chapter 56 of the revised ordinances of 1892, amended to November 8, 1899, compiled to November 10, 1913, concerning "Annual reports of officers and boards in charge of departments," I respectfully submit herewith a report of the receipts and expenditures of the public funds by the Treasury Department during the year ending December 31, 1940, including an account of all bonded and temporary loans negotiated in said year, also a detailed account of official fees received and reports of all trust funds in the care of the City Treasurer. In addition to the above, a report of the Commissioners of the Sinking Funds of the City is included.

ANDREW P. CARROLL,
City Treasurer.

**TEMPORARY LOANS IN ANTICIPATION OF REVENUE NEGOTIATED
DURING THE YEAR ENDING DECEMBER 31, 1940**

Date	Maturity	Amount	Discount per Annum
Jan. 15, 1940	Nov. 4, 1940	\$2,000,000 00	.09
Mar. 21, 1940	Nov. 14, 1940	500,000 00	.097
Mar. 25, 1940	Nov. 14, 1940	200,000 00	.11
April 2, 1940	Nov. 20, 1940	500,000 00	.11
May 2, 1940	Dec. 12, 1940	500,000 00	.143
June 3, 1940	Feb. 18, 1941	500,000 00	.519
June 20, 1940	Mar. 26, 1941	500,000 00	.456
July 3, 1940	April 28, 1941	500,000 00	.34

**EMERGENCY LOANS NEGOTIATED DURING THE YEAR
ENDING DECEMBER 31, 1940**

Interest payable at maturity

Date	Maturity	Amount	Discount per Annum
July 29, 1940	July 24, 1941	\$481,000 00	.335
Aug. 28, 1940	Aug. 26, 1941	178,000 00	.258
Oct. 8, 1940	Oct. 2, 1941	29,000 00	.219
Oct. 8, 1940	Oct. 2, 1941	25,000 00	.219
Dec. 6, 1940	Nov. 12, 1941	87,000 00	.12
Dec. 30, 1940	Nov. 12, 1941	10,000 00	.12

PARTICULARS REGARDING BOND SALES NEGOTIATED DURING THE YEAR ENDING DECEMBER 31, 1940

Date of Bonds	Amount	Loan	Years to Run	Rate	Purchaser	Rate
March 1, 1940	\$250,000	Sewer	\$9,000 annually for 10 years 8,000 annually for 20 years	2%	Halsey Stuart & Co., Inc.	100.819
August 1, 1940	400,000	Street	80,000 annually for 5 years	7/8%	National Shawmut Bank of Boston	100.005
November 1, 1940	200,000	Street	40,000 annually for 5 years	3/4%	Tyler & Co., Inc.	100.21

RECAPITULATION

Street.....	\$600,000 00
Sewer.....	250,000 00
	\$850,000 00

TREASURER'S DEPARTMENT
FEES

Demands.....	\$2,049 50
Certificates.....	381 00
Deeds of Release.....	71 00
Demands on Tax Liens.....	13 65
Per Statute.....	63 00
Examination of Title.....	126 00
Advertising.....	190 65
Preparing and Posting.....	88 00
Affidavits.....	3 50
Deeds.....	20 00
Recording Affidavits.....	55 00
Recording Deeds.....	122 80
Preparing Deeds.....	2 00
Summons.....	40
Warrant.....	50
Total.....	\$3,187 00

CASH

Cash on hand December 31, 1939.....	\$1,234,579 22
Cash receipts for year ending December 31, 1940.....	18,690,957 99
Total cash for year ending December 31, 1940.....	\$19,925,537 21
Cash expenditures for year ending December 31, 1940.....	19,198,066 18
Cash balance December 31, 1940.....	\$727,471 03
Included in this cash is \$109,050 61 PWA Projects.	

Note: For detailed cash receipts and expenditures see Auditor's report.

REPORT OF TRUST FUNDS
IN HANDS OF CITY TREASURER

The following is the condition of the Funds:

CEMETERY TRUST FUND

Perpetual Care Fund, December 31, 1939.....	\$256,744 62
Deeds in Trust, December 31, 1940.....	612 00
Received from owners of lots for perpetual care.....	\$3,903 75
Less Refund.....	30 00
	3,873 75
	\$261,230 37

Cash Account
Dr.

Balance on deposit, December 31, 1939.....	\$152,846 62
Received from owners of lots for perpetual care.....	3,873 75
Received interest on investments.....	7,675 69
Received for deed in trust.....	\$10 00
	\$164,406 06

Cr.

Paid City of Cambridge for care of lots in perpetual care.....	\$7,675 69
Balance on deposit in Cambridge Savings Banks.....	156,730 37
	\$164,406 06

WEBSTER THIERRY HISTORIC PRIZE FUND

This is a fund of \$300 donated by Adelaide H. Thierry. Out of the income each year, one dollar is to be added to the principal sum. From the remaining income each year, a book or books are to be purchased under the direction of the Headmaster of the Cambridge High and Latin School, to be awarded by said Headmaster as a prize to the pupil adjudged by him to have done, during the current year, the best work in the most advanced course in American History and Government which is given in said school.

Any balance left each year from the income of said fund after the purposes have been fulfilled is to be added to the principal sum and thereafter the income only is to be used as above.

Amount of fund December 31, 1939.....	\$335 12
Income on fund.....	8 39
	\$343 51
Paid City of Cambridge.....	7 39
Amount of fund December 31, 1940.....	\$336 12

WILLIAM PENN HARDING FUND

Amount of fund December 31, 1939.....	\$1,000 00
Income on fund.....	25 00
	\$1,025 00
Paid City of Cambridge.....	25 00
Amount of fund December 31, 1940.....	\$1,000 00

JOHN WESLEY FREESE FUND

Amount of fund December 31, 1939.....	\$221 34
Income on fund.....	4 42
	\$225 76
Paid City of Cambridge.....	3 32
Amount in Cambridgeport Savings Bank, December 31, 1940.....	\$222 44

BRIDGE CHARITABLE FUND

Amount of fund December 31, 1939.....	\$3,640 10
Income on fund.....	91 19
	\$3,731 29
Paid City of Cambridge.....	60 79
Amount in Cambridge Savings Bank, December 31, 1940.....	\$3,670 50

GEORGIA HARDY FUND

Amount of fund December 31, 1939.....	\$100 00
Income on fund.....	9 00
	\$109 00
Paid City of Cambridge.....	9 00
Amount of fund December 31, 1940.....	\$100 00

SARAH E. RUSSELL FUND

Amount of fund December 31, 1939.....	\$814 41
Income on fund.....	16 28
	\$830 69
Paid City of Cambridge.....	16 28
Amount of fund December 31, 1940.....	\$814 41

EDWARD L. KINGMAN SCHOLARSHIP FUND

Amount of fund December 31, 1939.....	\$1,700 00
Income on fund.....	42 50
	\$1,742 50
Paid City of Cambridge.....	42 50
Amount of fund December 31, 1940.....	\$1,700 00

REVEREND P. H. CALLANAN FUND

Amount of fund December 31, 1939.....	\$2,000 00
Income on fund.....	40 00
	\$2,040 00
Paid City of Cambridge.....	40 00
Amount of fund December 31, 1940.....	\$2,000 00
Amount in closed bank, \$400 00.	

LIBRARY TRUST FUNDS

Transferred to Custody of Treasurer

HOWE FUND

Amount of fund December 31, 1939.....	\$3,061 32
Income on fund.....	75 00

	\$3,136 32
Paid City of Cambridge.....	75 00

Amount of fund December 31, 1940.....	\$3,061 32
Amount in closed bank, \$61 32.	

CUMMINGS FUND

Amount of fund December 31, 1939.....	\$2,169 94
Income on fund.....	50 00

	\$2,219 94
Paid City of Cambridge.....	50 00

Amount of fund December 31, 1940.....	\$2,169 94
Amount in closed bank, \$169 94.	

WOOLSON FUND

Amount of fund December 31, 1939.....	\$5,239 43
Income on fund.....	125 00

	\$5,364 43
Paid City of Cambridge.....	125 00

Amount of fund December 31, 1940.....	\$5,239 43
Amount in closed bank, \$239 43.	

WHORF FUND

Amount of fund December 31, 1939.....	\$3,277 45
Income on fund.....	165 43

	\$3,442 88
Paid City of Cambridge.....	165 43

Amount of fund December 31, 1940.....	\$3,277 45
Amount in closed bank, \$277 45.	

SAUNDERS FUND

Amount of fund December 31, 1939.....	\$7,228 46
Income on fund.....	175 00

	\$7,403 46
Paid City of Cambridge.....	175 00

Amount of fund December 31, 1940.....	\$7,228 46
Amount in closed bank, \$228 46.	

FAY FUND

Amount of fund December 31, 1939.....	\$1,058 21
Income on fund.....	20 00

	\$1,078 21
Paid City of Cambridge.....	20 00

Amount of fund December 31, 1940.....	\$1,058 21
Amount in closed bank, \$58 21.	

MURDOCK FUND

Amount of fund December 31, 1939.....	\$2,271 61
Income on fund.....	40 00
	\$2,311 61
Paid City of Cambridge.....	40 00
Amount of fund December 31, 1940.....	\$2,271 61
Amount in closed bank, \$271 61.	

WILSON FUND

Amount of fund December 31, 1939.....	\$1,506 22
Income added to fund.....	37 89
Amount of fund December 31, 1940.....	\$1,544 11

CITIZENS SUBSCRIPTION FUND

Amount of fund December 31, 1939.....	\$5,626 04
Income on fund.....	135 00
	\$5,761 04
Paid City of Cambridge.....	135 00
Amount of fund December 31, 1940.....	\$5,626 04
Amount in closed bank, \$226 04.	

CITIZENS OF CAMBRIDGE FUND

Amount of fund December 31, 1939.....	\$8,850 28
Income on fund.....	163 00
	\$9,013 28
Paid City of Cambridge.....	163 00
Amount of fund December 31, 1940.....	\$8,850 28
Amount in closed bank, \$2,330 28.	

HARDING FUND

Amount of fund December 31, 1939.....	\$40 49
Amount of fund December 31, 1940.....	40 49
Amount in closed bank, \$40 49.	

CARRIE H. SAUNDERS FUND

Amount of fund December 31, 1939.....	\$1,000 00
Income on fund.....	25 00
	\$1,025 00
Paid City of Cambridge.....	25 00
Amount of fund December 31, 1940.....	\$1,000 00

The Bonded Debt matures as follows:

Issued serially, provided for in the annual tax levy.

Jan.	1, 1941	Sewer.....	4s	\$500 00
Jan.	1, 1941	Street.....	2½s	10,000 00
Feb.	1, 1941	School Loan Act of 1928.....	5s	44,000 00
Feb.	1, 1941	Building.....	3¼s	14,000 00
		Amount carried forward.....		\$68,500 00

<i>Amount brought forward</i>			\$68,500 00
Feb. 1, 1941	Building	3½	\$12,000 00
Feb. 1, 1941	Sewer	2½s	7,000 00
Feb. 1, 1941	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1941	Sewer	2s	7,000 00
Mar. 1, 1941	Land for playground	4s	500 00
Mar. 1, 1941	Sewer separate system	4s	1,500 00
Mar. 1, 1941	Sewer separate system	4s	2,000 00
Mar. 1, 1941	Separate system of sewers	3¾s	3,000 00
Mar. 1, 1941	Sewer separate system	4¼s	3,000 00
Mar. 1, 1941	School	4s	2,000 00
Mar. 1, 1941	Separate system of sewers	4s	3,000 00
Mar. 1, 1941	Sewer	2¾s	3,000 00
Mar. 1, 1941	Sewer	2½s	4,000 00
Mar. 1, 1941	Sewer	2s	9,000 00
April 1, 1941	Street	3s	20,000 00
April 1, 1941	Sewer	3¼s	2,000 00
May 1, 1941	Cambridge Bridge	4s	2,000 00
May 1, 1941	Sewer	3½s	500 00
May 1, 1941	Street	1¼s	40,000 00
June 1, 1941	Hospital building	4s	2,000 00
June 1, 1941	Sewer construction	4s	500 00
June 1, 1941	Sewer separate system	4s	500 00
June 1, 1941	Building	4¼s	1,000 00
June 1, 1941	First Street Bridge	4¼s	1,000 00
June 1, 1941	Sewer separate system	4¼s	1,500 00
June 1, 1941	Alewife Brook Fresh Pond Highway	3½s	14,000 00
June 1, 1941	Street	1½s	40,000 00
June 1, 1941	Addition and Repair Bridges	1¾s	4,000 00
July 1, 1941	Sewer	4s	500 00
July 1, 1941	Sewer separate system	4s	500 00
July 1, 1941	Sewer separate system	4s	1,000 00
July 1, 1941	Sewer	4½s	1,000 00
July 1, 1941	Playground	4s	500 00
July 1, 1941	School	4s	33,000 00
July 1, 1941	Street	2½s	20,000 00
July 1, 1941	Street	3½s	10,000 00
July 1, 1941	Street	1¼s	40,000 00
July 1, 1941	Street	1s	40,000 00
July 1, 1941	Street	¾s	40,000 00
July 15, 1941	Schoolhouse	4¼s	4,000 00
July 15, 1941	Sewer construction	4s	1,000 00
July 15, 1941	Sewer separate system	4s	1,000 00
Aug. 1, 1941	Sewer	4½s	2,000 00
Aug. 1, 1941	Sewer	3¾s	2,000 00
Aug. 1, 1941	Municipal Relief, Act of 1936	1¾s	25,000 00
Aug. 1, 1941	Street	1½s	40,000 00
Aug. 1, 1941	Municipal Relief	1½s	30,000 00
Aug. 1, 1941	Sewer	2¼s	4,000 00
Aug. 1, 1941	Municipal Relief	1½s	47,000 00
Aug. 1, 1941	Street	7/8s	80,000 00
Sept. 1, 1941	Park	3½s	1,000 00
Sept. 1, 1941	Park	4s	1,000 00
Sept. 1, 1941	Sewer separate system	4½s	3,000 00
Sept. 1, 1941	Street	1s	40,000 00
Sept. 1, 1941	Municipal Relief	1½s	10,000 00
Sept. 1, 1941	Street	1¾s	40,000 00
Sept. 1, 1941	State Tax Funding	1¾s	50,000 00
<i>Amount carried forward</i>			\$832,000 00

<i>Amount brought forward</i>			\$832,000 00
Oct. 1, 1941	Sewer construction	4½s	\$1,500 00
Oct. 1, 1941	Sewer	5s	1,000 00
Oct. 1, 1941	Sewer	5s	500 00
Oct. 1, 1941	Building	4½s	2,000 00
Oct. 1, 1941	Sewer construction	4½s	2,000 00
Oct. 1, 1941	Sewer separate system	4½s	1,500 00
Oct. 1, 1941	Schoolhouse	4s	13,000 00
Oct. 1, 1941	First Street Bridge	4s	4,000 00
Oct. 1, 1941	Sewer construction	4s	500 00
Oct. 1, 1941	Sewer separate system	4s	1,000 00
Oct. 1, 1941	Land for playground	4s	1,000 00
Oct. 1, 1941	Separate system of sewers	4s	2,500 00
Oct. 1, 1941	Land for playground	4¼s	500 00
Oct. 1, 1941	Sewer	3½s	3,000 00
Oct. 1, 1941	Sewer separate system	4¼s	2,500 00
Oct. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1941	Separate system of sewers	4s	1,000 00
Oct. 1, 1941	Building	4s	22,000 00
Oct. 1, 1941	Separate system of sewers	4s	1,000 00
Oct. 1, 1941	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1941	Schoolhouse	4s	1,000 00
Oct. 1, 1941	Building	4¼s	2,500 00
Oct. 1, 1941	Sewer separate system	4¼s	500 00
Oct. 1, 1941	Street	4¼s	10,000 00
Oct. 1, 1941	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1941	Schoolhouse	2s	11,000 00
Oct. 1, 1941	Building (Library)	2s	2,000 00
Oct. 1, 1941	Building (Garage)	2s	6,000 00
Oct. 1, 1941	Hospital	2s	9,000 00
Oct. 1, 1941	Building (Incinerator)	2s	8,000 00
Nov. 1, 1941	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1941	Sewer	2½s	3,000 00
Nov. 1, 1941	Municipal Relief	2s	20,000 00
Nov. 1, 1941	Street	1¼s	40,000 00
Nov. 1, 1941	Street	¾s	40,000 00
Nov. 1, 1941	Street	¾s	40,000 00
Dec. 1, 1941	Sewer separate system	4s	500 00
Dec. 1, 1941	Sewer construction	4½s	500 00
Dec. 1, 1941	City of Cambridge, Charles River Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1941	Building	3¾s	7,000 00
Dec. 1, 1941	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1941	Schoolhouse	4¼s	31,000 00
Dec. 1, 1941	Schoolhouse, Acts of 1928	4½s	20,000 00
Dec. 1, 1941	City Hospital, Acts of 1929	4½s	30,000 00
Dec. 1, 1941	Building	4¼s	2,000 00
Dec. 1, 1941	Street	2½s	5,000 00
Dec. 1, 1941	Municipal Relief	1¾s	15,000 00
Dec. 1, 1941	Street	2s	40,000 00
Dec. 1, 1941	T. B. Hospital	1¾s	12,000 00
Dec. 1, 1941	Municipal Relief	1¼s	7,000 00
Jan. 1, 1942	Sewer	4s	500 00
Jan. 1, 1942	Street	2½s	10,000 00
Feb. 1, 1942	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1942	Building	3¼s	14,000 00
Feb. 1, 1942	Building	3½s	12,000 00
<i>Amount carried forward</i>			\$1,394,500 00

<i>Amount brought forward</i>			\$1,394,500 00
Feb. 1, 1942	Sewer	2½s	\$7,000 00
Feb. 1, 1942	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1942	Sewer	2s	7,000 00
Mar. 1, 1942	Land for playground	4s	500 00
Mar. 1, 1942	Sewer separate system	4s	1,500 00
Mar. 1, 1942	Sewer separate system	4s	2,000 00
Mar. 1, 1942	Sewer separate system	3¾s	3,000 00
Mar. 1, 1942	Sewer separate system	4¼s	3,000 00
Mar. 1, 1942	School	4s	1,000 00
Mar. 1, 1942	Separate system of sewers	4s	3,000 00
Mar. 1, 1942	Sewer	2¾s	3,000 00
Mar. 1, 1942	Sewer	2½s	4,000 00
Mar. 1, 1942	Sewer	2s	9,000 00
April 1, 1942	Street	3s	20,000 00
April 1, 1942	Sewer	3¼s	2,000 00
May 1, 1942	Sewer	3½s	500 00
May 1, 1942	Cambridge Bridge	4s	2,000 00
June 1, 1942	Hospital building	4s	2,000 00
June 1, 1942	Sewer construction	4s	500 00
June 1, 1942	Sewer separate system	4s	500 00
June 1, 1942	Sewer separate system	4¼s	1,500 00
June 1, 1942	First Street Bridge	4¼s	1,000 00
June 1, 1942	Street	1½s	40,000 00
June 1, 1942	Addition and Repair Bridges	1¾s	4,000 00
July 1, 1942	Sewer	4s	500 00
July 1, 1942	Sewer separate system	4s	500 00
July 1, 1942	Sewer separate system	4s	1,000 00
July 1, 1942	Playground ..	4s	500 00
July 1, 1942	Sewer	4½s	1,000 00
July 1, 1942	School	4s	33,000 00
July 1, 1942	Street	2½s	20,000 00
July 1, 1942	Street ..	1s	40,000 00
July 1, 1942	Street	¾s	40,000 00
July 15, 1942	Schoolhouse	4¼s	4,000 00
July 15, 1942	Sewer construction	4s	1,000 00
July 15, 1942	Sewer separate system	4s	1,000 00
Aug. 1, 1942	Sewer	4½s	2,000 00
Aug. 1, 1942	Municipal Relief, Act of 1936 ..	1¾s	25,000 00
Aug. 1, 1942	Sewer ..	3¾s	2,000 00
Aug. 1, 1942	Street ..	1½s	40,000 00
Aug. 1, 1942	Municipal Relief	1½s	30,000 00
Aug. 1, 1942	Sewer	2¼s	4,000 00
Aug. 1, 1942	Municipal Relief	1½s	47,000 00
Aug. 1, 1942	Street	7⁄8s	80,000 00
Sept. 1, 1942	Park	3¼s	1,000 00
Sept. 1, 1942	Park	4s	1,000 00
Sept. 1, 1942	Sewer separate system	4½s	3,000 00
Sept. 1, 1942	Street	1s	40,000 00
Sept. 1, 1942	Municipal Relief	1½s	10,000 00
Sept. 1, 1942	Street	1¾s	40,000 00
Sept. 1, 1942	State Tax Funding	1¾s	50,000 00
Oct. 1, 1942	Sewer construction	4½s	1,500 00
Oct 1, 1942	Sewer	5s	1,000 00
Oct 1, 1942	Sewer	5s	500 00
Oct. 1, 1942	Sewer	3½s	3,000 00
Oct. 1, 1942	Schoolhouse	4s	1,000 00

Amount carried forward \$2,047,000 00

<i>Amount brought forward</i>			\$2,047,000 00
Oct. 1, 1942	Schoolhouse	4s	\$13,000 00
Oct. 1, 1942	Sewer construction	4½s	2,000 00
Oct. 1, 1942	Sewer separate system	4½s	1,500 00
Oct. 1, 1942	First Street Bridge	4s	4,000 00
Oct. 1, 1942	Sewer construction	4s	500 00
Oct. 1, 1942	Sewer separate system	4s	1,000 00
Oct. 1, 1942	Land for playground	4s	1,000 00
Oct. 1, 1942	Separate system of sewers	4s	2,500 00
Oct. 1, 1942	Land for playground	4¼s	500 00
Oct. 1, 1942	Sewer separate system	4¼s	2,500 00
Oct. 1, 1942	City of Cambridge, Charles River		
	Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1942	Separate system of sewers	4s	1,000 00
Oct. 1, 1942	Building	4s	22,000 00
Oct. 1, 1942	Separate system of sewers	4s	1,000 00
Oct. 1, 1942	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1942	Building	4¼s	2,500 00
Oct. 1, 1942	Sewer separate system	4¼s	500 00
Oct. 1, 1942	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1942	Schoolhouse	2s	11,000 00
Oct. 1, 1942	Building (Library)	2s	2,000 00
Oct. 1, 1942	Building (Garage)	2s	6,000 00
Oct. 1, 1942	Hospital	2s	9,000 00
Oct. 1, 1942	Building (Incinerator)	2s	8,000 00
Nov. 1, 1942	Charles River Bridge, Acts of 1921	4½s	18,000 00
Nov. 1, 1942	Sewer	2½s	3,000 00
Nov. 1, 1942	Municipal Relief	2s	20,000 00
Nov. 1, 1942	Street	1¼s	40,000 00
Nov. 1, 1942	Street	¾s	40,000 00
Nov. 1, 1942	Street	¾s	40,000 00
Dec. 1, 1942	Sewer separate system	4s	500 00
Dec. 1, 1942	Sewer construction	4½s	500 00
Dec. 1, 1942	City of Cambridge, Charles River		
	Bridge, Acts of 1921	3¾s	5,000 00
Dec. 1, 1942	Building	4¾s	7,000 00
Dec. 1, 1942	Third Street Bridge	3¾s	2,500 00
Dec. 1, 1942	Schoolhouse	4¼s	31,000 00
Dec. 1, 1942	Building	4¼s	2,000 00
Dec. 1, 1942	City Hospital, Acts of 1929	4½s	30,000 00
Dec. 1, 1942	Schoolhouse, Acts of 1928	4½s	20,000 00
Dec. 1, 1942	Municipal Relief	1¼s	7,000 00
Dec. 1, 1942	Street	2½s	5,000 00
Dec. 1, 1942	Municipal Relief	1¾s	15,000 00
Dec. 1, 1942	Street	2s	40,000 00
Dec. 1, 1942	T. B. Hospital	1¾s	12,000 00
Jan. 1, 1943	Sewer	4s	500 00
Jan. 1, 1943	Street	2½s	10,000 00
Feb. 1, 1943	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1943	Building	3¼s	14,000 00
Feb. 1, 1943	Building	3½s	12,000 00
Feb. 1, 1943	Sewer	2½s	7,000 00
Feb. 1, 1943	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1943	Sewer	2s	7,000 00
Mar. 1, 1943	Land for playground	4s	500 00
Mar. 1, 1943	Sewer separate system	4s	1,500 00
Mar. 1, 1943	Sewer separate system	4s	2,000 00
Mar. 1, 1943	Sewer separate system	3¾s	3,000 00

Amount carried forward \$2,621,500 00

<i>Amount brought forward</i>			\$2,621,500 00
Mar. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	\$3,000 00
Mar. 1, 1943	School	4s	1,000 00
Mar. 1, 1943	Separate system of sewers	4s	3,000 00
Mar. 1, 1943	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1943	Sewer	2 $\frac{1}{2}$ s	4,000 00
Mar. 1, 1943	Sewer	2s	9,000 00
April 1, 1943	Street	3s	20,000 00
April 1, 1943	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1943	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1943	Cambridge Bridge	4s	2,000 00
June 1, 1943	Sewer construction	4s	500 00
June 1, 1943	Sewer separate system	4s	500 00
June 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1943	First Street Bridge	4 $\frac{1}{4}$ s	1,000 00
June 1, 1943	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 1, 1943	Sewer	4s	500 00
July 1, 1943	Sewer separate system	4s	500 00
July 1, 1943	Sewer separate system	4s	1,000 00
July 1, 1943	Playground	4s	500 00
July 1, 1943	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1943	School	4s	33,000 00
July 1, 1943	Street	2 $\frac{1}{2}$ s	20,000 00
July 1, 1943	Street	1s	40,000 00
July 1, 1943	Street	$\frac{3}{4}$ s	40,000 00
July 15, 1943	Schoolhouse	4 $\frac{1}{4}$ s	4,000 00
July 15, 1943	Sewer construction	4s	1,000 00
July 15, 1943	Sewer separate system	4s	1,000 00
Aug. 1, 1943	Municipal Relief	1 $\frac{1}{2}$ s	47,000 00
Aug. 1, 1943	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1943	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1943	Municipal Relief, Act of 1936	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1943	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1943	Sewer	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1943	Street	$\frac{7}{8}$ s	80,000 00
Sept. 1, 1943	Park	4s	1,000 00
Sept. 1, 1943	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1943	Street	1s	40,000 00
Sept. 1, 1943	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1943	Street	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1943	State Tax Funding	1 $\frac{3}{4}$ s	50,000 00
Oct. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1943	Sewer	5s	1,000 00
Oct. 1, 1943	Sewer	5s	500 00
Oct. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1943	Sewer construction	4s	500 00
Oct. 1, 1943	Land for playground	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	2,500 00
Oct. 1, 1943	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1943	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1943	Schoolhouse	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00
Oct. 1, 1943	Building	4s	22,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00
Oct. 1, 1943	Separate system of sewers	4s	1,000 00

Amount carried forward \$3,197,500 00

<i>Amount brought forward</i>			\$3,197,500 00
Oct. 1, 1943	Sixth Street Bridge	4s	\$2,000 00
Oct. 1, 1943	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1943	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1943	Sewer	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1943	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1943	Schoolhouse	2s	11,000 00
Oct. 1, 1943	Building (Library)	2s	2,000 00
Oct. 1, 1943	Building (Garage)	2s	6,000 00
Oct. 1, 1943	Hospital	2s	9,000 00
Oct. 1, 1943	Building (Incinerator)	2s	8,000 00
Nov. 1, 1943	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1943	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1943	Municipal Relief	2s	20,000 00
Nov. 1, 1943	Street	$\frac{3}{4}$ s	40,000 00
Nov. 1, 1943	Street	$\frac{3}{4}$ s	40,000 00
Dec. 1, 1943	Sewer separate system	4s	500 00
Dec. 1, 1943	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1943	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1943	Building	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1943	Third Street Bridge	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1943	Schoolhouse	4 $\frac{1}{4}$ s	31,000 00
Dec. 1, 1943	Building	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1943	City Hospital, Acts of 1929	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1943	Schoolhouse, Acts of 1928	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1943	Street	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1943	Municipal Relief	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1943	Street	2s	40,000 00
Dec. 1, 1943	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1943	Municipal Relief	1 $\frac{1}{4}$ s	7,000 00
Jan. 1, 1944	Sewer	4s	500 00
Jan. 1, 1944	Street	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1944	School Loan Act of 1928	5s	44,000 00
Feb. 1, 1944	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1944	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1944	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1944	Additional Departmental Equipment	1s	10,000 00
Feb. 1, 1944	Sewer	2s	7,000 00
Mar. 1, 1944	Land for playground	4s	500 00
Mar. 1, 1944	Sewer separate system	4s	1,500 00
Mar. 1, 1944	Sewer separate system	4s	2,000 00
Mar. 1, 1944	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1944	School	4s	1,000 00
Mar. 1, 1944	Separate system of sewers	4s	3,000 00
Mar. 1, 1944	Sewer	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1944	Sewer	2 $\frac{1}{2}$ s	4,000 00
Mar. 1, 1944	Sewer	2s	9,000 00
April 1, 1944	Street	3s	20,000 00
April 1, 1944	Sewer	3 $\frac{1}{4}$ s	2,000 00
May 1, 1944	Sewer	3 $\frac{1}{2}$ s	500 00
May 1, 1944	Cambridge Bridge	4s	2,000 00
June 1, 1944	Sewer construction	4s	500 00
June 1, 1944	Sewer separate system	4s	500 00
June 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1944	Addition and Repair Bridges	1 $\frac{3}{4}$ s	4,000 00
July 1, 1944	Sewer	4s	500 00
<i>Amount carried forward</i>			\$3,729,000 00

<i>Amount brought forward</i>			\$3,729,000 00
July 1, 1944	Sewer separate system	4s	\$500 00
July 1, 1944	Sewer separate system	4s	1,000 00
July 1, 1944	Sewer	4 $\frac{1}{2}$ s	1,000 00
July 1, 1944	Playground	4s	500 00
July 1, 1944	School	4s	33,000 00
July 1, 1944	Street	2 $\frac{1}{2}$ s	20,000 00
July 1, 1944	Street	$\frac{3}{4}$ s	40,000 00
July 15, 1944	Sewer construction	4s	1,000 00
July 15, 1944	Sewer separate system	4s	1,000 00
Aug. 1, 1944	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1944	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1944	Municipal Relief, Act of 1936	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1944	Sewer	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	47,000 00
Aug. 1, 1944	Street	$\frac{7}{8}$ s	80,000 00
Sept. 1, 1944	Park	4s	1,000 00
Sept. 1, 1944	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1944	Municipal Relief	1 $\frac{1}{2}$ s	10,000 00
Sept. 1, 1944	Street	1 $\frac{3}{4}$ s	40,000 00
Sept. 1, 1944	State Tax Funding	1 $\frac{3}{4}$ s	50,000 00
Oct. 1, 1944	Sewer construction	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1944	Sewer	5s	1,000 00
Oct. 1, 1944	Sewer	5s	500 00
Oct. 1, 1944	Sewer construction	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1944	Sewer separate system	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1944	Sewer construction	4s	500 00
Oct. 1, 1944	Sewer separate system	4s	1,000 00
Oct. 1, 1944	Land for playground	4s	1,000 00
Oct. 1, 1944	Separate system of sewers	4s	2,500 00
Oct. 1, 1944	Land for playground	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1944	City of Cambridge, Charles River Bridge, Acts of 1921	4s	5,000 00
Oct. 1, 1944	Separate system of sewers	4s	1,000 00
Oct. 1, 1944	Building	4s	22,000 00
Oct. 1, 1944	Separate system of sewers	4s	1,000 00
Oct. 1, 1944	Schoolhouse	4s	1,000 00
Oct. 1, 1944	Sixth Street Bridge	4s	2,000 00
Oct. 1, 1944	Building	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1944	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1944	Sewer	3 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1944	Building (Schoolhouse)	2s	26,000 00
Oct. 1, 1944	Schoolhouse	2s	11,000 00
Oct. 1, 1944	Building (Library)	2s	2,000 00
Oct. 1, 1944	Building (Garage)	2s	5,000 00
Oct. 1, 1944	Hospital	2s	9,000 00
Oct. 1, 1944	Building (Incinerator)	2s	8,000 00
Nov. 1, 1944	Charles River Bridge, Acts of 1921	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1944	Sewer	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1944	Municipal Relief	2s	20,000 00
Nov. 1, 1944	Street	$\frac{3}{4}$ s	40,000 00
Nov. 1, 1944	Street	$\frac{3}{4}$ s	40,000 00
Dec. 1, 1944	Sewer separate system	4s	500 00
Dec. 1, 1944	Sewer construction	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1944	City of Cambridge, Charles River Bridge, Acts of 1921	3 $\frac{3}{4}$ s	5,000 00

Amount carried forward \$4,361,500 00

<i>Amount brought forward</i>			\$4,361,500 00
Dec. 1, 1944	Building.....	3 $\frac{3}{4}$ s	\$6,000 00
Dec. 1, 1944	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1944	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1944	City Hospital, Acts of 1929.....	4 $\frac{1}{2}$ s	30,000 00
Dec. 1, 1944	Schoolhouse, Acts of 1928.....	4 $\frac{1}{2}$ s	20,000 00
Dec. 1, 1944	Street.....	2 $\frac{1}{2}$ s	5,000 00
Dec. 1, 1944	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1944	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Dec. 1, 1944	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Jan. 1, 1945	Sewer.....	4s	500 00
Jan. 1, 1945	Street.....	2 $\frac{1}{2}$ s	10,000 00
Feb. 1, 1945	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1945	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1945	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1945	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1945	Sewer.....	2s	7,000 00
Mar. 1, 1945	Land for playground.....	4s	500 00
Mar. 1, 1945	Sewer separate system.....	4s	1,500 00
Mar. 1, 1945	Sewer separate system.....	4s	2,000 00
Mar. 1, 1945	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1945	School.....	4s	1,000 00
Mar. 1, 1945	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1945	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1945	Sewer.....	2 $\frac{1}{2}$ s	4,000 00
Mar. 1, 1945	Sewer.....	2s	9,000 00
April 1, 1945	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
May 1, 1945	Sewer.....	3 $\frac{1}{2}$ s	500 00
May 1, 1945	Cambridge Bridge.....	4s	2,000 00
June 1, 1945	Sewer separate system.....	4s	500 00
June 1, 1945	Sewer construction.....	4s	500 00
June 1, 1945	Sewer separate system.....	4s	1,500 00
June 1, 1945	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1945	Sewer.....	4s	500 00
July 1, 1945	Sewer separate system.....	4s	500 00
July 1, 1945	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 1, 1945	Playground.....	4s	500 00
July 1, 1945	School.....	4s	33,000 00
July 15, 1945	Sewer construction.....	4s	1,000 00
July 15, 1945	Sewer separate system.....	4s	1,000 00
Aug. 1, 1945	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1945	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1945	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	25,000 00
Aug. 1, 1945	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1945	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1945	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Aug. 1, 1945	Street.....	7 $\frac{7}{8}$ s	80,000 00
Sept. 1, 1945	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1945	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1945	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer.....	5s	1,000 00
Oct. 1, 1945	Sewer.....	5s	500 00
Oct. 1, 1945	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1945	Sewer construction.....	4s	500 00
Oct. 1, 1945	Sewer separate system.....	4s	1,000 00
Oct. 1, 1945	Land for playground.....	4s	1,000 00

Amount carried forward..... \$4,843,000 00

<i>Amount brought forward</i>			\$4,843,000 00
Oct. 1, 1945	Separate system of sewers.....	4s	\$2,500 00
Oct. 1, 1945	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1945	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1945	Building.....	4s	22,000 00
Oct. 1, 1945	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1945	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1945	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1945	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1945	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1945	Schoolhouse.....	2s	11,000 00
Oct. 1, 1945	Building (Library).....	2s	2,000 00
Oct. 1, 1945	Building (Garage).....	2s	5,000 00
Oct. 1, 1945	Hospital.....	2s	9,000 00
Oct. 1, 1945	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1945	Charles River Bridge, Acts of 1921.....	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1945	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1945	Municipal Relief.....	2s	20,000 00
Nov. 1, 1945	Street.....	$\frac{3}{4}$ s	40,000 00
Dec. 1, 1945	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1945	City of Cambridge, Charles River Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1945	Building.....	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1945	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1945	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1945	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1945	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1945	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Jan. 1, 1946	Sewer.....	4s	500 00
Feb. 1, 1946	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1946	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1946	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1946	Sewer.....	2s	7,000 00
Mar. 1, 1946	Land for playground.....	4s	500 00
Mar. 1, 1946	Sewer separate system.....	4s	1,500 00
Mar. 1, 1946	Sewer separate system.....	4s	2,000 00
Mar. 1, 1946	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1946	School.....	4s	1,000 00
Mar. 1, 1946	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1946	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	4,000 00
Mar. 1, 1946	Sewer.....	2s	9,000 00
April 1, 1946	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
May 1, 1946	Sewer.....	3 $\frac{1}{2}$ s	500 00
June 1, 1946	Sewer construction.....	4s	500 00
June 1, 1946	Sewer separate system.....	4s	500 00
June 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1946	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 1, 1946	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
July 15, 1946	Sewer construction.....	4s	1,000 00
July 15, 1946	Sewer separate system.....	4s	1,000 00
Aug. 1, 1946	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1946	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
<i>Amount carried forward</i>			\$5,203,000 00

<i>Amount brought forward</i>			\$5,203,000 00
Aug. 1, 1946	Municipal Relief, Act of 1936.....	1 $\frac{3}{4}$ s	\$25,000 00
Aug. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1946	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1946	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1946	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1946	Sewer.....	5s	1,000 00
Oct. 1, 1946	Sewer.....	5s	500 00
Oct. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1946	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1946	Sewer construction.....	4s	500 00
Oct. 1, 1946	Sewer separate system.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4s	1,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1946	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	4s	5,000 00
Oct. 1, 1946	Building.....	4s	22,000 00
Oct. 1, 1946	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1946	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1946	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1946	Schoolhouse.....	2s	11,000 00
Oct. 1, 1946	Building (Library).....	2s	2,000 00
Oct. 1, 1946	Building (Garage).....	2s	5,000 00
Oct. 1, 1946	Hospital.....	2s	9,000 00
Oct. 1, 1946	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1946	Charles River Bridge, Acts of 1921.....	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1946	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Nov. 1, 1946	Municipal Relief.....	2s	20,000 00
Dec. 1, 1946	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1946	City of Cambridge, Charles River		
	Bridge, Acts of 1921.....	3 $\frac{3}{4}$ s	5,000 00
Dec. 1, 1946	Building.....	3 $\frac{3}{4}$ s	6,000 00
Dec. 1, 1946	Third Street Bridge.....	3 $\frac{3}{4}$ s	2,500 00
Dec. 1, 1946	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1946	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1946	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1946	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Feb. 1, 1947	School Loan Act of 1928.....	5s	44,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1947	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1947	Sewer.....	2s	7,000 00
Mar. 1, 1947	Land for playground.....	4s	500 00
Mar. 1, 1947	Sewer separate system.....	4s	1,500 00
Mar. 1, 1947	Sewer separate system.....	4s	2,000 00
Mar. 1, 1947	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1947	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1947	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1947	Sewer.....	2s	9,000 00

Amount carried forward..... \$5,631,500 00

<i>Amount brought forward</i>		\$5,631,500 00
April 1, 1947	Sewer..... $3\frac{1}{4}s$	\$2,000 00
June 1, 1947	Sewer construction..... $4s$	500 00
June 1, 1947	Sewer separate system..... $4s$	500 00
June 1, 1947	Sewer separate system..... $4\frac{1}{4}s$	1,500 00
June 1, 1947	Addition and Repair Bridges..... $1\frac{3}{4}s$	4,000 00
July 1, 1947	Sewer..... $4\frac{1}{2}s$	1,000 00
July 15, 1947	Sewer construction..... $4s$	1,000 00
July 15, 1947	Sewer separate system..... $4s$	1,000 00
Aug. 1, 1947	Sewer..... $4\frac{1}{2}s$	2,000 00
Aug. 1, 1947	Sewer..... $3\frac{3}{4}s$	2,000 00
Aug. 1, 1947	Municipal Relief..... $1\frac{1}{2}s$	30,000 00
Aug. 1, 1947	Sewer..... $2\frac{1}{4}s$	4,000 00
Aug. 1, 1947	Municipal Relief..... $1\frac{1}{2}s$	46,000 00
Sept. 1, 1947	Sewer separate system..... $4\frac{1}{2}s$	3,000 00
Sept. 1, 1947	Municipal Relief..... $1\frac{1}{2}s$	10,000 00
Oct. 1, 1947	Sewer construction..... $4\frac{1}{2}s$	1,500 00
Oct. 1, 1947	Sewer..... $5s$	1,000 00
Oct. 1, 1947	Sewer..... $5s$	500 00
Oct. 1, 1947	Sewer construction..... $4\frac{1}{2}s$	2,000 00
Oct. 1, 1947	Sewer separate system..... $4\frac{1}{2}s$	1,500 00
Oct. 1, 1947	Sewer construction..... $4s$	500 00
Oct. 1, 1947	Sewer separate system..... $4s$	1,000 00
Oct. 1, 1947	Land for playground..... $4s$	1,000 00
Oct. 1, 1947	Separate system of sewers..... $4s$	2,500 00
Oct. 1, 1947	Land for playground..... $4\frac{1}{2}s$	500 00
Oct. 1, 1947	Sewer separate system..... $4\frac{1}{4}s$	2,500 00
Oct. 1, 1947	Separate system of sewers..... $4s$	1,000 00
Oct. 1, 1947	Building..... $4s$	22,000 00
Oct. 1, 1947	Separate system of sewers..... $4s$	1,000 00
Oct. 1, 1947	Building..... $4\frac{1}{4}s$	2,500 00
Oct. 1, 1947	Sewer separate system..... $4\frac{1}{4}s$	500 00
Oct. 1, 1947	Sewer..... $3\frac{1}{2}s$	2,000 00
Oct. 1, 1947	Building (Schoolhouse)..... $2s$	26,000 00
Oct. 1, 1947	Schoolhouse..... $2s$	11,000 00
Oct. 1, 1947	Building (Library)..... $2s$	2,000 00
Oct. 1, 1947	Building (Garage)..... $2s$	5,000 00
Oct. 1, 1947	Hospital..... $2s$	9,000 00
Oct. 1, 1947	Building (Incinerator)..... $2s$	8,000 00
Nov. 1, 1947	Charles River Bridge, Acts of 1921.. $4\frac{1}{2}s$	18,000 00
Nov. 1, 1947	Sewer..... $2\frac{1}{2}s$	3,000 00
Nov. 1, 1947	Municipal Relief..... $2s$	20,000 00
Dec. 1, 1947	Sewer construction..... $4\frac{1}{2}s$	500 00
Dec. 1, 1947	City of Cambridge, Charles River Bridge, Acts of 1921..... $3\frac{3}{4}s$	5,000 00
Dec. 1, 1947	Building..... $3\frac{3}{4}s$	6,000 00
Dec. 1, 1947	Third Street Bridge..... $3\frac{3}{4}s$	2,500 00
Dec. 1, 1947	Building..... $4\frac{1}{4}s$	2,000 00
Dec. 1, 1947	Municipal Relief..... $1\frac{3}{4}s$	15,000 00
Dec. 1, 1947	T. B. Hospital..... $1\frac{3}{4}s$	12,000 00
Dec. 1, 1947	Municipal Relief..... $1\frac{1}{4}s$	7,000 00
Feb. 1, 1948	Building..... $3\frac{1}{4}s$	13,000 00
Feb. 1, 1948	Building..... $3\frac{1}{2}s$	11,000 00
Feb. 1, 1948	Sewer..... $2\frac{1}{2}s$	7,000 00
Feb. 1, 1948	Sewer..... $2s$	7,000 00
Mar. 1, 1948	Sewer separate system..... $4s$	1,500 00
Mar. 1, 1948	Sewer separate system..... $4s$	2,000 00
Mar. 1, 1948	Sewer separate system..... $3\frac{3}{4}s$	3,000 00

Amount carried forward..... \$5,980,000 00

<i>Amount brought forward</i>			\$5,980,000 00
Mar. 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	\$3,000 00
Mar. 1, 1948	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1948	Sewer.....	2 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1948	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1948	Sewer.....	2s	9,000 00
April 1, 1948	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1948	Sewer construction.....	4s	500 00
June 1, 1948	Sewer separate system.....	4s	500 00
June 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1948	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	4,000 00
July 15, 1948	Sewer construction.....	4s	1,000 00
July 15, 1948	Sewer separate system.....	4s	1,000 00
Aug. 1, 1948	Sewer.....	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1948	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1948	Municipal Relief.....	1 $\frac{1}{2}$ s	30,000 00
Aug. 1, 1948	Sewer.....	2 $\frac{1}{4}$ s	4,000 00
Aug. 1, 1948	Municipal Relief.....	1 $\frac{1}{2}$ s	46,000 00
Sept. 1, 1948	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Sept. 1, 1948	Municipal Relief.....	1 $\frac{1}{2}$ s	10,000 00
Oct. 1, 1948	Sewer construction.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1948	Sewer.....	5s	1,000 00
Oct. 1, 1948	Sewer.....	5s	500 00
Oct. 1, 1948	Sewer construction.....	4 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1948	Sewer separate system.....	4 $\frac{1}{2}$ s	1,500 00
Oct. 1, 1948	Sewer construction.....	4s	500 00
Oct. 1, 1948	Sewer separate system.....	4s	1,000 00
Oct. 1, 1948	Land for playground.....	4s	1,000 00
Oct. 1, 1948	Separate system of sewers.....	4s	2,500 00
Oct. 1, 1948	Land for playground.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1948	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1948	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1948	Building.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1948	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1948	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1948	Building (Schoolhouse).....	2s	26,000 00
Oct. 1, 1948	Schoolhouse.....	2s	11,000 00
Oct. 1, 1948	Building (Library).....	2s	2,000 00
Oct. 1, 1948	Building (Garage).....	2s	5,000 00
Oct. 1, 1948	Hospital.....	2s	9,000 00
Oct. 1, 1948	Building (Incinerator).....	2s	8,000 00
Nov. 1, 1948	Charles River Bridge, Acts of 1921..	4 $\frac{1}{2}$ s	18,000 00
Nov. 1, 1948	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Dec. 1, 1948	Sewer construction.....	4 $\frac{1}{2}$ s	500 00
Dec. 1, 1948	Building.....	4 $\frac{1}{4}$ s	2,000 00
Dec. 1, 1948	Municipal Relief.....	1 $\frac{3}{4}$ s	15,000 00
Dec. 1, 1948	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Dec. 1, 1948	Municipal Relief.....	1 $\frac{1}{4}$ s	7,000 00
Feb. 1, 1949	Building.....	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1949	Building.....	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1949	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1949	Sewer.....	2s	7,000 00
Mar. 1, 1949	Sewer separate system.....	4s	1,500 00
Mar. 1, 1949	Sewer separate system.....	4s	2,000 00
Mar. 1, 1949	Sewer separate system.....	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1949	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1949	Separate system of sewers.....	4s	3,000 00

Amount carried forward \$6,299,000 00

<i>Amount brought forward</i>		\$6,299,000 00
Mar. 1, 1949	Sewer	2 $\frac{3}{4}$ s \$3,000 00
Mar. 1, 1949	Sewer	2 $\frac{1}{2}$ s 3,000 00
Mar. 1, 1949	Sewer	2s 9,000 00
April 1, 1949	Sewer	3 $\frac{1}{4}$ s 2,000 00
June 1, 1949	Sewer construction	4s 500 00
June 1, 1949	Sewer separate system	4s 500 00
June 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s 1,500 00
June 1, 1949	Addition and Repair Bridges	1 $\frac{3}{4}$ s 4,000 00
July 15, 1949	Sewer construction	4s 1,000 00
July 15, 1949	Sewer separate system	4s 1,000 00
Aug. 1, 1949	Sewer	4 $\frac{1}{2}$ s 2,000 00
Aug. 1, 1949	Sewer	3 $\frac{3}{4}$ s 2,000 00
Aug. 1, 1949	Sewer	2 $\frac{1}{4}$ s 3,000 00
Aug. 1, 1949	Municipal Relief	1 $\frac{1}{2}$ s 46,000 00
Sept. 1, 1949	Sewer separate system	4 $\frac{1}{2}$ s 3,000 00
Oct. 1, 1949	Sewer construction	4 $\frac{1}{2}$ s 1,500 00
Oct. 1, 1949	Sewer	5s 1,000 00
Oct. 1, 1949	Sewer	5s 500 00
Oct. 1, 1949	Sewer construction	4 $\frac{1}{2}$ s 2,000 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{2}$ s 1,500 00
Oct. 1, 1949	Sewer construction	4s 500 00
Oct. 1, 1949	Sewer separate system	4s 1,000 00
Oct. 1, 1949	Separate system of sewers	4s 2,500 00
Oct. 1, 1949	Land for playground	4 $\frac{1}{4}$ s 500 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s 2,500 00
Oct. 1, 1949	Separate system of sewers	4s 1,000 00
Oct. 1, 1949	Separate system of sewers	4s 1,000 00
Oct. 1, 1949	Land for playground	4s 1,000 00
Oct. 1, 1949	Sewer separate system	4 $\frac{1}{4}$ s 500 00
Oct. 1, 1949	Sewer	3 $\frac{1}{2}$ s 2,000 00
Oct. 1, 1949	Building (Schoolhouse)	2s 25,000 00
Oct. 1, 1949	Schoolhouse	2s 11,000 00
Oct. 1, 1949	Building (Library)	2s 1,000 00
Oct. 1, 1949	Building (Garage)	2s 5,000 00
Oct. 1, 1949	Hospital	2s 9,000 00
Oct. 1, 1949	Building (Incinerator)	2s 7,000 00
Nov. 1, 1949	Charles River Bridge, Acts of 1921 ..	4 $\frac{1}{2}$ s 18,000 00
Nov. 1, 1949	Sewer	2 $\frac{1}{2}$ s 3,000 00
Dec. 1, 1949	T. B. Hospital	1 $\frac{3}{4}$ s 12,000 00
Dec. 1, 1949	Municipal Relief	1 $\frac{1}{4}$ s 7,000 00
Feb. 1, 1950	Building	3 $\frac{1}{4}$ s 13,000 00
Feb. 1, 1950	Building	3 $\frac{1}{2}$ s 11,000 00
Feb. 1, 1950	Sewer	2 $\frac{1}{2}$ s 7,000 00
Feb. 1, 1950	Sewer	2s 7,000 00
Mar. 1, 1950	Sewer separate system	4s 1,500 00
Mar. 1, 1950	Sewer separate system	4s 2,000 00
Mar. 1, 1950	Sewer separate system	3 $\frac{3}{4}$ s 3,000 00
Mar. 1, 1950	Sewer separate system	4 $\frac{1}{4}$ s 3,000 00
Mar. 1, 1950	Separate system of sewers	4s 3,000 00
Mar. 1, 1950	Sewer	2 $\frac{3}{4}$ s 3,000 00
Mar. 1, 1950	Sewer	2 $\frac{1}{2}$ s 3,000 00
Mar. 1, 1950	Sewer	2s 9,000 00
April 1, 1950	Sewer	3 $\frac{1}{4}$ s 2,000 00
June 1, 1950	Sewer construction	4s 500 00
June 1, 1950	Sewer separate system	4s 500 00
June 1, 1950	Sewer separate system	4 $\frac{1}{4}$ s 1,500 00
June 1, 1950	Addition and Repair Bridges	1 $\frac{3}{4}$ s 4,000 00

Amount carried forward \$6,571,500 00

<i>Amount brought forward</i>			\$6,571,500 00
July 15, 1950	Sewer construction.....	4s	\$1,000 00
July 15, 1950	Sewer separate system.....	4s	1,000 00
Aug. 1, 1950	Sewer.....	4½s	2,000 00
Aug. 1, 1950	Sewer.....	3¾s	2,000 00
Aug. 1, 1950	Sewer.....	2¼s	3,000 00
Sept. 1, 1950	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1950	Sewer.....	5s	1,000 00
Oct. 1, 1950	Sewer.....	5s	500 00
Oct. 1, 1950	Sewer construction.....	4½s	2,000 00
Oct. 1, 1950	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1950	Sewer construction.....	4s	500 00
Oct. 1, 1950	Sewer separate system.....	4s	1,000 00
Oct. 1, 1950	Sewer separate system.....	4s	2,500 00
Oct. 1, 1950	Land for playground.....	4¼s	500 00
Oct. 1, 1950	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1950	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1950	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1950	Sewer separate system.....	4¼s	500 00
Oct. 1, 1950	Sewer.....	3½s	2,000 00
Oct. 1, 1950	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1950	Schoolhouse.....	2s	11,000 00
Oct. 1, 1950	Building (Library).....	2s	1,000 00
Oct. 1, 1950	Building (Garage).....	2s	5,000 00
Oct. 1, 1950	Hospital.....	2s	9,000 00
Oct. 1, 1950	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1950	Sewer.....	2½s	3,000 00
Dec. 1, 1950	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1951	Building.....	3¼s	13,000 00
Feb. 1, 1951	Building.....	3½s	11,000 00
Feb. 1, 1951	Sewer.....	2½s	7,000 00
Feb. 1, 1951	Sewer.....	2s	7,000 00
Mar. 1, 1951	Sewer separate system.....	4s	1,500 00
Mar. 1, 1951	Sewer separate system.....	4s	2,000 00
Mar. 1, 1951	Sewer separate system.....	3¾s	3,000 00
Mar. 1, 1951	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1951	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1951	Sewer.....	2½s	3,000 00
Mar. 1, 1951	Sewer.....	2¾s	2,000 00
Mar. 1, 1951	Sewer.....	2s	8,000 00
April 1, 1951	Sewer.....	3¼s	2,000 00
June 1, 1951	Sewer construction.....	4s	500 00
June 1, 1951	Sewer separate system.....	4s	500 00
June 1, 1951	Sewer separate system.....	4¼s	1,500 00
June 1, 1951	Addition and Repair Bridges.....	1¾s	3,000 00
July 15, 1951	Sewer construction.....	4s	1,000 00
July 15, 1951	Sewer separate system.....	4s	1,000 00
Aug. 1, 1951	Sewer.....	4½s	2,000 00
Aug. 1, 1951	Sewer.....	3¾s	2,000 00
Aug. 1, 1951	Sewer.....	2¼s	3,000 00
Sept. 1, 1951	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1951	Sewer construction.....	4½s	2,000 00
Oct. 1, 1951	Sewer separate system.....	4½s	1,500 00
Oct. 1, 1951	Sewer construction.....	4s	500 00
Oct. 1, 1951	Sewer separate system.....	4s	1,000 00
Oct. 1, 1951	Sewer separate system.....	4s	2,500 00
Oct. 1, 1951	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1951	Separate system of sewers.....	4s	1,000 00

Amount carried forward..... \$6,767,000 00

<i>Amount brought forward</i>			\$6,767,000 00
Oct. 1, 1951	Separate system of sewers	4s	\$1,000 00
Oct. 1, 1951	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1951	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1951	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1951	Schoolhouse	2s	11,000 00
Oct. 1, 1951	Building (Library)	2s	1,000 00
Oct. 1, 1951	Building (Garage)	2s	5,000 00
Oct. 1, 1951	Hospital	2s	9,000 00
Oct. 1, 1951	Building (Incinerator)	2s	7,000 00
Nov. 1, 1951	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1951	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1952	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1952	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1952	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1952	Sewer	2s	7,000 00
Mar. 1, 1952	Sewer separate system	4s	1,500 00
Mar. 1, 1952	Sewer separate system	4s	2,000 00
Mar. 1, 1952	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1952	Sewer separate system	4s	3,000 00
Mar. 1, 1952	Sewer	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1952	Sewer	2s	8,000 00
Mar. 1, 1952	Sewer	2 $\frac{1}{2}$ s	3,000 00
April 1, 1952	Sewer	3 $\frac{1}{4}$ s	2,000 00
June 1, 1952	Sewer construction	4s	500 00
June 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	1,500 00
June 1, 1952	Sewer separate system	4s	500 00
June 1, 1952	Addition and Repair Bridges	1 $\frac{3}{4}$ s	3,000 00
July 15, 1952	Sewer construction	4s	1,000 00
July 15, 1952	Sewer separate system	4s	1,000 00
Aug. 1, 1952	Sewer	4 $\frac{1}{2}$ s	2,000 00
Aug. 1, 1952	Sewer	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1952	Sewer	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1952	Sewer separate system	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1952	Sewer construction	4s	500 00
Oct. 1, 1952	Sewer separate system	4s	1,000 00
Oct. 1, 1952	Sewer separate system	4s	2,500 00
Oct. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1952	Separate system of sewers	4s	1,000 00
Oct. 1, 1952	Separate system of sewers	4s	1,000 00
Oct. 1, 1952	Sewer separate system	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1952	Sewer	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1952	Building (Schoolhouse)	2s	25,000 00
Oct. 1, 1952	Schoolhouse	2s	10,000 00
Oct. 1, 1952	Building (Library)	2s	1,000 00
Oct. 1, 1952	Building (Garage)	2s	5,000 00
Oct. 1, 1952	Hospital	2s	9,000 00
Oct. 1, 1952	Building (Incinerator)	2s	7,000 00
Nov. 1, 1952	Sewer	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1952	T. B. Hospital	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1953	Building	3 $\frac{1}{4}$ s	13,000 00
Feb. 1, 1953	Building	3 $\frac{1}{2}$ s	11,000 00
Feb. 1, 1953	Sewer	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1953	Sewer	2s	7,000 00
Mar. 1, 1953	Sewer separate system	4s	1,500 00
Mar. 1, 1953	Sewer separate system	4s	2,000 00
Mar. 1, 1953	Sewer separate system	3 $\frac{3}{4}$ s	3,000 00

Amount carried forward \$7,052,000 00

<i>Amount brought forward</i>			\$7,052,000 00
Mar. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	\$3,000 00
Mar. 1, 1953	Separate system of sewers.....	4s	3,000 00
Mar. 1, 1953	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1953	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1953	Sewer.....	2s	8,000 00
April 1, 1953	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	1,500 00
June 1, 1953	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	3,000 00
July 15, 1953	Sewer construction.....	4s	1,000 00
July 15, 1953	Sewer separate system.....	4s	1,000 00
Aug. 1, 1953	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1953	Sewer.....	3 $\frac{3}{4}$ s	2,000 00
Aug. 1, 1953	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1953	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1953	Sewer separate system.....	4s	2,500 00
Oct. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1953	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1953	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1953	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1953	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1953	Schoolhouse.....	2s	10,000 00
Oct. 1, 1953	Building (Library).....	2s	1,000 00
Oct. 1, 1953	Building (Garage).....	2s	5,000 00
Oct. 1, 1953	Hospital.....	2s	9,000 00
Oct. 1, 1953	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1953	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1953	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1954	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1954	Sewer.....	2s	7,000 00
Mar. 1, 1954	Sewer separate system.....	4s	1,500 00
Mar. 1, 1954	Sewer separate system.....	4s	2,000 00
Mar. 1, 1954	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1954	Sewer separate system.....	4s	3,000 00
Mar. 1, 1954	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1954	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1954	Sewer.....	2s	8,000 00
April 1, 1954	Sewer.....	3 $\frac{1}{4}$ s	2,000 00
June 1, 1954	Addition and Repair Bridges.....	1 $\frac{3}{4}$ s	3,000 00
Aug. 1, 1954	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1954	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1954	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Sept. 1, 1954	Sewer separate system.....	4 $\frac{1}{2}$ s	3,000 00
Oct. 1, 1954	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Oct. 1, 1954	Sewer separate system.....	4s	2,500 00
Oct. 1, 1954	Sewer separate system.....	4 $\frac{1}{4}$ s	2,500 00
Oct. 1, 1954	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1954	Sewer separate system.....	4 $\frac{1}{4}$ s	500 00
Oct. 1, 1954	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1954	Schoolhouse.....	2s	10,000 00
Oct. 1, 1954	Building (Library).....	2s	1,000 00
Oct. 1, 1954	Building (Garage).....	2s	5,000 00
Oct. 1, 1954	Hospital.....	2s	9,000 00
Oct. 1, 1954	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1954	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Dec. 1, 1954	T. B. Hospital.....	1 $\frac{3}{4}$ s	12,000 00
Feb. 1, 1955	Sewer.....	2 $\frac{1}{2}$ s	7,000 00
Feb. 1, 1955	Sewer.....	2s	7,000 00

Amount carried forward..... \$7,311,000 00

<i>Amount brought forward</i>			\$7,311,000 00
Mar. 1, 1955	Sewer separate system.....	4s	\$1,500 00
Mar. 1, 1955	Sewer separate system.....	4s	2,000 00
Mar. 1, 1955	Sewer separate system.....	4½s	3,000 00
Mar. 1, 1955	Sewer separate system.....	4s	3,000 00
Mar. 1, 1955	Sewer.....	2¾s	2,000 00
Mar. 1, 1955	Sewer.....	2½s	3,000 00
Mar. 1, 1955	Sewer.....	2s	8,000 00
April 1, 1955	Sewer.....	3¼s	1,000 00
June 1, 1955	Addition and Repair Bridges.....	1¾s	3,000 00
Aug. 1, 1955	Sewer.....	4½s	1,000 00
Aug. 1, 1955	Sewer.....	3¾s	1,000 00
Aug. 1, 1955	Sewer.....	2¼s	3,000 00
Sept. 1, 1955	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1955	Sewer separate system.....	4¼s	2,500 00
Oct. 1, 1955	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1955	Sewer separate system.....	4¼s	500 00
Oct. 1, 1955	Sewer.....	3½s	2,000 00
Oct. 1, 1955	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1955	Schoolhouse.....	2s	10,000 00
Oct. 1, 1955	Building (Library).....	2s	1,000 00
Oct. 1, 1955	Building (Garage).....	2s	5,000 00
Oct. 1, 1955	Hospital.....	2s	9,000 00
Oct. 1, 1955	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1955	Sewer.....	2½s	2,000 00
Dec. 1, 1955	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1956	Sewer.....	2½s	7,000 00
Feb. 1, 1956	Sewer.....	2s	7,000 00
Mar. 1, 1956	Sewer separate system.....	4s	1,500 00
Mar. 1, 1956	Sewer separate system.....	4s	2,000 00
Mar. 1, 1956	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1956	Sewer separate system.....	4s	3,000 00
Mar. 1, 1956	Sewer.....	2¾s	2,000 00
Mar. 1, 1956	Sewer.....	2½s	3,000 00
Mar. 1, 1956	Sewer.....	2s	8,000 00
April 1, 1956	Sewer.....	3¼s	1,000 00
June 1, 1956	Addition and Repair Bridges.....	1¾s	3,000 00
Aug. 1, 1956	Sewer.....	4½s	1,000 00
Aug. 1, 1956	Sewer.....	3¾s	1,000 00
Aug. 1, 1956	Sewer.....	2¼s	3,000 00
Sept. 1, 1956	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1956	Separate system of sewers.....	4s	1,000 00
Oct. 1, 1956	Sewer separate system.....	4¼s	500 00
Oct. 1, 1956	Sewer.....	3½s	2,000 00
Oct. 1, 1956	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1956	Schoolhouse.....	2s	10,000 00
Oct. 1, 1956	Building (Library).....	2s	1,000 00
Oct. 1, 1956	Building (Garage).....	2s	5,000 00
Oct. 1, 1956	Hospital.....	2s	9,000 00
Oct. 1, 1956	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1956	Sewer.....	2½s	2,000 00
Dec. 1, 1956	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1957	Sewer.....	2½s	7,000 00
Feb. 1, 1957	Sewer.....	2s	7,000 00
Mar. 1, 1957	Sewer separate system.....	4s	2,000 00
Mar. 1, 1957	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1957	Sewer separate system.....	4s	3,000 00
Mar. 1, 1957	Sewer.....	2¾s	2,000 00

Amount carried forward..... \$7,569,500 00

<i>Amount brought forward</i>			\$7,569,500 00
Mar. 1, 1957	Sewer.....	2½s	\$3,000 00
Mar. 1, 1957	Sewer.....	2s	8,000 00
April 1, 1957	Sewer.....	3¼s	1,000 00
June 1, 1957	Addition and Repair Bridges.....	1¾s	3,000 00
Aug. 1, 1957	Sewer.....	3¾s	1,000 00
Aug. 1, 1957	Sewer.....	4½s	1,000 00
Aug. 1, 1957	Sewer.....	2¼s	3,000 00
Sept. 1, 1957	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1957	Sewer separate system.....	4¼s	500 00
Oct. 1, 1957	Sewer.....	3½s	2,000 00
Oct. 1, 1957	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1957	Schoolhouse.....	2s	10,000 00
Oct. 1, 1957	Building (Library).....	2s	1,000 00
Oct. 1, 1957	Building (Garage).....	2s	5,000 00
Oct. 1, 1957	Hospital.....	2s	9,000 00
Oct. 1, 1957	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1957	Sewer.....	2½s	2,000 00
Dec. 1, 1957	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1958	Sewer.....	2½s	6,000 00
Feb. 1, 1958	Sewer.....	2s	7,000 00
Mar. 1, 1958	Sewer.....	2½s	3,000 00
Mar. 1, 1958	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1958	Sewer separate system.....	4s	3,000 00
Mar. 1, 1958	Sewer.....	2¾s	2,000 00
Mar. 1, 1958	Sewer.....	2s	8,000 00
April 1, 1958	Sewer.....	3¼s	1,000 00
June 1, 1958	Addition and Repair Bridges.....	1¾s	3,000 00
Aug. 1, 1958	Sewer.....	4½s	1,000 00
Aug. 1, 1958	Sewer.....	3¾s	1,000 00
Aug. 1, 1958	Sewer.....	2¼s	3,000 00
Sept. 1, 1958	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1958	Sewer separate system.....	4¼s	500 00
Oct. 1, 1958	Sewer.....	3½s	2,000 00
Oct. 1, 1958	Building (Schoolhouse).....	2s	25,000 00
Oct. 1, 1958	Schoolhouse.....	2s	10,000 00
Oct. 1, 1958	Building (Library).....	2s	1,000 00
Oct. 1, 1958	Building (Garage).....	2s	5,000 00
Oct. 1, 1958	Hospital.....	2s	9,000 00
Oct. 1, 1958	Building (Incinerator).....	2s	7,000 00
Nov. 1, 1958	Sewer.....	2½s	2,000 00
Dec. 1, 1958	T. B. Hospital.....	1¾s	12,000 00
Feb. 1, 1959	Sewer.....	2½s	6,000 00
Feb. 1, 1959	Sewer.....	2s	7,000 00
Mar. 1, 1959	Sewer separate system.....	4¼s	3,000 00
Mar. 1, 1959	Sewer separate system.....	4s	3,000 00
Mar. 1, 1959	Sewer.....	2¾s	2,000 00
Mar. 1, 1959	Sewer.....	2½s	3,000 00
Mar. 1, 1959	Sewer.....	2s	8,000 00
April 1, 1959	Sewer.....	3¼s	1,000 00
June 1, 1959	Addition and Repair Bridges.....	1¾s	3,000 00
Aug. 1, 1959	Sewer.....	4½s	1,000 00
Aug. 1, 1959	Sewer.....	3¾s	1,000 00
Aug. 1, 1959	Sewer.....	2¼s	3,000 00
Sept. 1, 1959	Sewer separate system.....	4½s	3,000 00
Oct. 1, 1959	Sewer.....	3½s	2,000 00
Nov. 1, 1959	Sewer.....	2½s	2,000 00
Feb. 1, 1960	Sewer.....	2½s	6,000 00

Amount carried forward..... \$7,837,500 00

<i>Amount brought forward</i>			\$7,837,500 00
Feb. 1, 1960	Sewer.....	2s	\$6,000 00
Mar. 1, 1960	Sewer separate system.....	4 $\frac{1}{4}$ s	3,000 00
Mar. 1, 1960	Sewer separate system.....	4s	3,000 00
Mar. 1, 1960	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1960	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1960	Sewer.....	2s	8,000 00
April 1, 1960	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1960	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1960	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1960	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1960	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1960	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1961	Sewer.....	2s	6,000 00
Mar. 1, 1961	Sewer separate system.....	4s	3,000 00
Mar. 1, 1961	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1961	Sewer.....	2s	8,000 00
April 1, 1961	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1961	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1961	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1961	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1961	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1961	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1962	Sewer.....	2s	6,000 00
Mar. 1, 1962	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1962	Sewer.....	2s	8,000 00
April 1, 1962	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1962	Sewer.....	4 $\frac{1}{2}$ s	1,000 00
Aug. 1, 1962	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1962	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1962	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1962	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1963	Sewer.....	2s	6,000 00
Mar. 1, 1963	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1963	Sewer.....	2s	8,000 00
April 1, 1963	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1963	Sewer.....	3 $\frac{3}{4}$ s	1,000 00
Aug. 1, 1963	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1963	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1963	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1964	Sewer.....	2s	6,000 00
Mar. 1, 1964	Sewer.....	2 $\frac{3}{4}$ s	2,000 00
Mar. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	3,000 00
Mar. 1, 1964	Sewer.....	2s	8,000 00
April 1, 1964	Sewer.....	3 $\frac{1}{4}$ s	1,000 00
Aug. 1, 1964	Sewer.....	2 $\frac{1}{4}$ s	3,000 00
Oct. 1, 1964	Sewer.....	3 $\frac{1}{2}$ s	2,000 00
Nov. 1, 1964	Sewer.....	2 $\frac{1}{2}$ s	2,000 00
Feb. 1, 1965	Sewer.....	2 $\frac{1}{2}$ s	6,000 00
Feb. 1, 1965	Sewer.....	2s	6,000 00
Mar. 1, 1965	Sewer.....	2 $\frac{3}{4}$ s	2,000 00

Amount carried forward\$8 026,500 00

<i>Amount brought forward</i>			\$8,026,500 00
Mar. 1, 1965	Sewer.....	2½s	\$3,000 00
Mar. 1, 1965	Sewer.....	2s	8,000 00
Aug. 1, 1965	Sewer.....	2¼s	3,000 00
Nov. 1, 1965	Sewer.....	2½s	2,000 00
Feb. 1, 1966	Sewer.....	2½s	6,000 00
Feb. 1, 1966	Sewer.....	2s	6,000 00
Mar. 1, 1966	Sewer.....	2½s	3,000 00
Mar. 1, 1966	Sewer.....	2s	8,000 00
Aug. 1, 1966	Sewer.....	2¼s	3,000 00
Feb. 1, 1967	Sewer.....	2½s	6,000 00
Feb. 1, 1967	Sewer.....	2s	6,000 00
Mar. 1, 1967	Sewer.....	2s	8,000 00
Aug. 1, 1967	Sewer.....	2¼s	3,000 00
Feb. 1, 1968	Sewer.....	2s	6,000 00
Mar. 1, 1968	Sewer.....	2s	8,000 00
Aug. 1, 1968	Sewer.....	2¼s	3,000 00
Feb. 1, 1969	Sewer.....	2s	6,000 00
Mar. 1, 1969	Sewer.....	2s	8,000 00
Mar. 1, 1970	Sewer.....	2s	8,000 00
Total.....			\$8,130,500 00

The Bonded City Debt matures as follows, *viz.*:

Provided for by Sinking Fund.

Feb.	1, 1941	Cambridge Bridge.....	3s	\$47,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
Mar.	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Sewer.....	3½s	10,000 00
July	1, 1941	Playground.....	3½s	15,000 00
Oct.	1, 1941	Park.....	3½s	100,000 00
Nov.	1, 1941	Cambridge Bridge.....	3½s	85,000 00
Dec.	1, 1941	Sewer separate system.....	3½s	10,000 00
Dec.	1, 1941	Playground.....	3½s	30,000 00
July	1, 1942	Park.....	3½s	48,000 00
Aug.	1, 1942	Cambridge Bridge.....	3½s	94,000 00
Sept.	1, 1942	Sewer.....	3½s	15,000 00
Jan	1, 1943	Cambridge Bridge.....	3½s	42,000 00
Feb.	1, 1943	Sewer.....	3½s	10,000 00
Feb.	1, 1943	Sewer separate system.....	3½s	10,000 00
April	1, 1943	Cambridge Bridge.....	3½s	35,000 00
April	1, 1943	Park.....	3½s	50,000 00
July	1, 1943	Sewer.....	4s	25,000 00
Jan.	1, 1944	Cambridge Bridge.....	3½s	71,000 00
May	1, 1944	Cambridge Bridge.....	3½s	164,000 00
Aug.	1, 1944	Cambridge Bridge.....	3½s	100,000 00
Sept.	1, 1944	Cambridge Bridge.....	3½s	50,000 00
Sept.	1, 1944	Park.....	3½s	25,000 00
Nov.	1, 1944	Park.....	3½s	6,000 00
April	1, 1945	Park.....	3½s	5,000 00
May	1, 1945	Park.....	3½s	45,000 00

Amount carried forward..... \$1,112,000 00

The Bonded City Debt matures as follows, viz.:

Provided for by Sinking Fund.

<i>Amount brought forward</i>			\$1,112,000 00
May 1, 1945	Cambridge Bridge.....	3½s	\$140,000 00
Aug. 1, 1945	Park.....	3½s	5,000 00
Dec. 1, 1945	Cambridge Bridge.....	3½s	100,000 00
Jan. 1, 1946	Cambridge Bridge.....	3½s	20,000 00
Aug. 1, 1946	Cambridge Bridge.....	4s	100,000 00
Aug. 1, 1946	Commercial Avenue Bridge.....	3½s	50,000 00
Sept. 1, 1946	Park.....	3½s	25,000 00
Sept. 1, 1946	Cambridge Bridge.....	4s	5,000 00
Jan. 1, 1947	Cambridge Bridge.....	3½s	50,000 00
July 1, 1947	Cambridge Bridge.....	4s	40,000 00
Oct. 1, 1947	Cambridge Bridge.....	4s	15,000 00
Oct. 1, 1947	Park.....	4s	10,000 00
Aug. 1, 1948	Cambridge Bridge.....	4s	45,000 00
Aug. 1, 1948	Park.....	4s	30,000 00
Nov. 1, 1948	Park.....	4s	12,000 00
Jan. 1, 1950	Park.....	3½s	8,800 00
July 1, 1950	Cambridge Bridge.....	4s	20,000 00
Mar. 1, 1951	Park.....	3½s	17,000 00
July 1, 1951	Park.....	3½s	7,000 00
Dec. 1, 1951	Park.....	3½s	6,200 00
Dec. 1, 1951	Bridge.....	3½s	10,000 00
Mar. 1, 1952	Bridge.....	3½s	10,000 00
			\$1,838,000 00

The Bonded Water Debt matures as follows:

Provided for by Sinking Fund.

Mar. 1, 1941.....	3½s	\$16,500 00	
Dec. 1, 1941.....	3½s	10,000 00	
			\$26,500 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

April 1, 1941.....	3 $\frac{1}{4}$ s	\$3,000 00
July 1, 1941.....	4s	1,500 00
Aug. 1, 1941.....	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1941.....	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1941.....	4s	13,000 00
Oct. 1, 1941.....	3 $\frac{1}{4}$ s	5,000 00
April 1, 1942.....	3 $\frac{1}{4}$ s	3,000 00
July 1, 1942.....	4s	1,500 00
Aug. 1, 1942.....	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1942.....	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1942.....	4s	13,000 00
Oct. 1, 1942.....	3 $\frac{1}{4}$ s	5,000 00
April 1, 1943.....	3 $\frac{1}{4}$ s	3,000 00
July 1, 1943.....	4s	1,500 00
Aug. 1, 1943.....	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1943.....	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1943.....	3 $\frac{1}{4}$ s	5,000 00
April 1, 1944.....	3 $\frac{1}{4}$ s	3,000 00
July 1, 1944.....	4s	1,500 00
Aug. 1, 1944.....	3 $\frac{1}{2}$ s	24,000 00
Oct. 1, 1944.....	4 $\frac{1}{2}$ s	11,000 00
Oct. 1, 1944.....	3 $\frac{1}{4}$ s	5,000 00

Amount carried forward..... \$204,000 00

The Bonded Water Debt matures as follows:

Issued serially, provided for by Water Receipts.

<i>Amount brought forward</i>			\$204,000 00
April 1, 1945.....	3 1/4s	\$3,000 00	
Aug. 1, 1945.....	3 1/2s	24,000 00	
Oct. 1, 1945.....	4 1/2s	11,000 00	
Oct. 1, 1945.....	3 1/4s	5,000 00	
April 1, 1946.....	3 1/4s	3,000 00	
Aug. 1, 1946.....	3 1/2s	24,000 00	
Oct. 1, 1946.....	4 1/2s	11,000 00	
Oct. 1, 1946.....	3 1/4s	5,000 00	
April 1, 1947.....	3 1/4s	3,000 00	
Aug. 1, 1947.....	3 1/2s	23,000 00	
Oct. 1, 1947.....	4 1/2s	11,000 00	
Oct. 1, 1947.....	3 1/4s	5,000 00	
April 1, 1948.....	3 1/4s	3,000 00	
Aug. 1, 1948.....	3 1/2s	23,000 00	
Oct. 1, 1948.....	4 1/2s	11,000 00	
Oct. 1, 1948.....	3 1/4s	5,000 00	
April 1, 1949.....	3 1/4s	3,000 00	
Aug. 1, 1949.....	3 1/2s	23,000 00	
Oct. 1, 1949.....	4 1/2s	11,000 00	
Oct. 1, 1949.....	3 1/4s	5,000 00	
Aug. 1, 1950.....	3 1/2s	23,000 00	
Oct. 1, 1950.....	4 1/2s	11,000 00	
Aug. 1, 1951.....	3 1/2s	23,000 00	
Aug. 1, 1952.....	3 1/2s	23,000 00	
Aug. 1, 1953.....	3 1/2s	23,000 00	
Aug. 1, 1954.....	3 1/2s	23,000 00	
Aug. 1, 1955.....	3 1/2s	23,000 00	
Aug. 1, 1956.....	3 1/2s	23,000 00	
			\$588,000 00

REPORT OF COMMISSIONERS OF THE SINKING FUNDS OF THE CITY OF CAMBRIDGE

Cambridge, Massachusetts, January 1, 1941.

To the Honorable City Council:

The Commissioners of the Sinking Funds of the City of Cambridge herewith submit their annual report for the year ended December 31, 1940. Inasmuch as the debt for which sinking funds have been created is divided into two groups, City Debt and Water Debt, this report is likewise divided: first, Municipal Loan Fund for the City Debt proper, and second, Water Loan Fund for the City Water Debt.

As at December 31, 1940 there was held in the Municipal Loan Fund assets as follows:

Bonds (at par value).....	\$1,790,000 00
Cash.....	110,757 93
Total.....	<u>\$1,900,757 93</u>

The total amount of City Debt outstanding at December 31, 1940, for which payment is provided through the Municipal Loan Fund, amounted to \$1,838,000. This debt matures in various amounts in the years 1941 to 1952 inclusive. Deducting the assets of the Municipal Loan Fund as reported above from the debt for which it is provided leaves a net City Sinking Fund surplus at December 31, 1940 of \$62,757.93. During the year 1941 City Debt in the amount of \$317,000 will become due and payable from this fund. Details as to the changes in the year 1940 of this fund follow:

MUNICIPAL LOAN FUND

Bond Account

(Bonds are reported at par value)

Bonds in fund December 31, 1939.....	\$2,058,500 00	
Bonds purchased.....	406,500 00	
	<u>\$2,465,000 00</u>	
Deduct:		
Bonds sold.....	\$375,000 00	
Bonds matured.....	300,000 00	
	<u>675,000 00</u>	
Bonds in fund December 31, 1940.....		\$1,790,000 00

Cash Account		
Cash in fund December 31, 1939.....	\$ 66,084 35	
Interest received.....	68,913 53	
Discount on purchases.....	951 25	
Proceeds of bonds sold.....	427,164 40	
Proceeds of bonds matured.....	300,000 00	
	\$863,113 53	
	\$863,113 53	\$1,790,000 00
Deduct:		
Paid to City Treasurer for maturing bonds.....	\$336,000 00	
Paid for bonds purchased.....	415,071 87	
Paid interest accrued on bonds purchased.....	1,275 91	
Paid collection charges.....	7 82	
	752,355 60	
Cash in fund December 31, 1940.....		110,757 93
Total bonds and cash in fund December 31, 1940.....		\$1,900,757 93

The total amount of the Water Debt outstanding at December 31, 1940, for which payment is provided through the Water Loan Fund, amounted to \$26,500. This debt matures in 1941.

Details as to the changes in the year 1940 of this fund follow:

WATER LOAN FUND		
Bond Account		
<i>(Bonds are reported at par value)</i>		
Bonds in fund December 31, 1939.....	\$11,500 00	
Bonds purchased.....	25,000 00	
	\$36,500 00	
Deduct:		
Bonds sold.....	10,000 00	
Bonds in fund December 31, 1940.....		\$26,500 00
Cash Account		
Cash in fund December 31, 1939.....	\$36,271 91	
Interest received.....	1,053 22	
Bonds sold.....	\$10,000 00	
Less discount.....	9,587 50	
	412 50	
Received for bonds sold.....	\$37,737 63	
Deduct:		
Paid for bonds purchased.....	\$26,123 37	
Paid accrued interest on bonds purchased.....	93 24	
Paid tax, commission, etc.....	16 50	
	26,233 11	
Cash in fund December 31, 1940.....		11,504 52
Total bonds and cash in fund December 31, 1940.....		\$38,004 52

For convenience in keeping the accounts of the funds the first Commissioners of both the Municipal Loan Fund and the Water Loan Fund carried all bonds at par value regardless of the price paid therefor. All interest received is entered at the gross amount without deduction for the proportion of any premium paid for the bonds. This practice, which has been continued to the present time, has received the approval of the Director of Accounts of the Department of Corporations and Taxation of the Commonwealth of Massachusetts. Interest earned but not yet due has not been set up as an asset as of the end of the year.

No payment has been made to the Municipal Sinking Fund by the City since 1931, as an examination in that year indicated that no payment should be necessary if investments could be made without loss at the rate of three and one-half per cent compounded semiannually. No payment has been made to the Water Fund since 1917. All bonded debt incurred by the City since 1913 must be in serial form and the Commissioners of Sinking Funds have no duties to perform in regard to any debt incurred since that time.

A list of the bonds held on December 31, 1940, in the respective funds is appended hereto. The bonds held in the respective funds were examined on December 19, 1940 by the examiners of the Division of Accounts, Department of Corporations and Taxation of the Commonwealth of Massachusetts, whose certificate is appended to the report.

Respectfully submitted,

WILLIAM H. REARDON, JR.,
WILLIAM H. DAVIES,
JOSEPH M. MURPHY,
ARTHUR M. WRIGHT,
JOSEPH F. HIGGINS.

December 31, 1940.

Sinking Fund Commissioners, Cambridge, Mass.

Gentlemen: An examination was made by accountants from the Division of Accounts of the savings bank books and securities representing the investment of the Municipal and Water Loans Sinking Funds as of December 19, 1940. The cash in banks applicable to these funds was reconciled with statements received from the depositories.

Appended herewith are tables showing the transactions of the funds for the period from December 22, 1939, to December 19, 1940, as well as the condition of the funds on December 19, 1940.

Very truly yours,

THEODORE N. WADDELL,
Director of Accounts.

MUNICIPAL LOANS SINKING FUND

	Cash	Securities Par Value	Total
On hand December 22, 1939	\$66,084 35	\$2,058,500 00	\$2,124,584 35
On hand at end of year 1939	66,084 35	2,058,500 00	2,124,584 35
On hand December 19, 1940	110,757 93	1,790,000 00	1,900,757 93
<i>Receipts</i>		<i>Payments</i>	
DECEMBER 22 TO 31, 1939			
No transactions			
JANUARY 1 TO DECEMBER 19, 1940			
Securities sold and matured	\$675,000 00	Securities purchased	\$406,500 00
Premium on sales	52,164 40	Premium on purchases	8,571 87
Discount on purchases	951 25	Accrued interest	1,275 91
Accrued interest	3,198 02	Collection charges, etc.	7 82
Income	65,715 51	Transferred to City	336,000 00
Cash on hand at beginning of year 1940	66,084 35	Balance Harvard Trust Company, December 19, 1940, verified	110,757 93
	<u>\$863,113 53</u>		<u>\$863,113 53</u>

WATER LOANS SINKING FUND

	Cash	Savings Deposits	Securities Par Value	Total
On hand December 22, 1939	\$2,232 12	\$34,039 79	\$11,500 00	\$47,771 91
On hand at end of year 1939	2,232 12	34,039 79	11,500 00	47,771 91
On hand December 19, 1940	1,545 80	9,958 72	26,500 00	38,004 52
<i>Receipts</i>		<i>Payments</i>		
DECEMBER 22 TO 31, 1939				
No transactions				
JANUARY 1 TO DECEMBER 19, 1940				
Withdrawn from savings deposits	\$24,081 07	Purchase of securities, par value	\$25,000 00	
Sale of securities, par value	10,000 00	Premium on purchases	1,123 37	
Income	1,053 22	Accrued interest	93 24	
Cash on hand at beginning of year 1940	2,232 12	Tax, commission, etc.	16 50	
		Discount on sales	9,587 50	
		Cash on hand December 19, 1940	1,545 80	
	<u>\$37,366 41</u>		<u>\$37,366 41</u>	

MUNICIPAL LOAN FUND

Bonds Held December 31, 1940

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.	Reg. 3	Feb. 1, 1941	\$22,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1941	2,000 00
City of Cambridge, Mass.	Reg. 3½	Mar. 1, 1941	500 00
City of Cambridge, Mass.	Reg. 3½	Oct. 1, 1941	100,000 00
City of Cambridge, Mass.	Reg. 3½	Nov. 1, 1941	30,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1942	2,000 00
City of Cambridge, Mass.	Reg. 3½	Aug. 1, 1942	4,000 00
City of Cambridge, Mass.	Reg. 3½	Jan. 1, 1943	13,000 00
City of Cambridge, Mass.	Reg. 1	July 1, 1943	20,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1943	2,000 00
City of Cambridge, Mass.	Reg. 3½	April 1, 1943	8,000 00
City of Cambridge, Mass.	Reg. 3½	Jan. 1, 1944	9,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1944	2,000 00
City of Cambridge, Mass.	Reg. 3½	May 1, 1944	79,000 00
City of Cambridge, Mass.	Reg. 1¾	Sept. 1, 1944	10,000 00
City of Cambridge, Mass.	Reg. ¾	Nov. 1, 1944	40,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1945	2,000 00
City of Cambridge, Mass.	Reg. 3½	May 1, 1945	5,000 00
City of Cambridge, Mass.	Reg. 3½	Jan. 1, 1946	5,000 00
City of Cambridge, Mass.	Reg. 3½	Jan. 1, 1946	5,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1946	2,000 00
City of Cambridge, Mass.	Reg. 4	Aug. 1, 1946	75,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1947	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1948	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1949	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1950	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1951	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1952	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1953	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1954	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1955	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1956	2,000 00
City of Cambridge, Mass.	Reg. 4	Mar. 1, 1957	2,000 00
State of Illinois Reg. as to principal only	Cpn. 4	Mar. 1, 1941	10,000 00
City of Stamford, Conn.	Cpn. 4½	July 1, 1941	10,000 00
City of Waltham, Mass.	Cpn. 1½	Dec. 1, 1941	4,000 00
Portland, Maine, Water District.	Reg. 4	May 1, 1942	40,000 00
City of Jersey City, N. J.	Reg. 4¾	June 1, 1942	5,000 00
City of Medford, Mass.	Cpn. 2	June 1, 1942	5,000 00
Newburyport, Mass.	Cpn. 1¾	July 1, 1942	2,000 00
City of St. Louis, Mo.	Reg. 4¼	Nov. 1, 1942	25,000 00
City of Waltham, Mass.	Cpn. 1½	Dec. 1, 1942	3,000 00
City of Fitchburg, Mass.	Cpn. 2	Jan. 1, 1943	20,000 00
City of Jersey City, N. J.	Reg. 4¾	June 1, 1943	5,000 00
City of Nashua, N. H.	Cpn. 4¼	July 1, 1943	7,000 00
City of New Bedford, Mass.	Cpn. 2½	July 1, 1943	3,000 00
Chicopee, Mass.	Cpn. 1½	Aug. 1, 1943	4,000 00
City of Jersey City, N. J.	Reg. 5	Oct. 1, 1943	50,000 00
City of Waltham, Mass.	Cpn. 1½	Dec. 1, 1943	3,000 00
City of Waltham, Mass.	Cpn. 2½	Jan. 1, 1944	8,000 00
City of Cleveland, Ohio.	Cpn. 5	Mar. 1, 1944	15,000 00
<i>Amount carried forward</i>			\$678,500 00

Amount brought forward \$678,500 00

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Newark, N. J.	Reg. $4\frac{1}{2}$	Mar. 15, 1944	\$50,000 00
City of Somerville, Mass.	Cpn. $1\frac{3}{4}$	April 1, 1944	10,000 00
City of Nashua, N. H.	Cpn. $4\frac{1}{4}$	July 1, 1944	10,000 00
Chicopee, Mass.	Cpn. $1\frac{1}{2}$	Aug. 1, 1944	4,000 00
City of Cleveland, Ohio	Cpn. 5	Mar. 1, 1945	15,000 00
City of Taunton, Mass.	Cpn. 2	July 1, 1945	10,000 00
Newburyport, Mass.	Cpn. $1\frac{3}{4}$	July 1, 1945	2,000 00
City of Cleveland, Ohio	Cpn. $3\frac{3}{4}$	Oct. 1, 1945	6,000 00
City of Waltham, Mass.	Cpn. $2\frac{1}{2}$	Jan. 1, 1946	13,000 00
City of Cleveland, Ohio	Cpn. 5	Mar. 1, 1946	20,000 00
Warwick, R. I.	Cpn. $1\frac{3}{4}$	Mar. 1, 1946	5,000 00
City of Somerville, Mass.	Cpn. $1\frac{3}{4}$	April 1, 1946	20,000 00
City of Taunton, Mass.	Cpn. 2	July 1, 1946	10,000 00
Newburyport, Mass.	Cpn. $1\frac{3}{4}$	July 1, 1946	2,000 00
Warwick, R. I.	Cpn. $1\frac{3}{4}$	Mar. 1, 1947	5,000 00
Newburyport, Mass.	Cpn. $1\frac{3}{4}$	July 1, 1947	2,000 00
Chicopee, Mass.	Cpn. $1\frac{1}{2}$	Aug. 1, 1947	4,000 00
New Bedford, Mass.	Cpn. $1\frac{3}{4}$	Aug. 1, 1947	14,000 00
Warwick, R. I.	Cpn. $1\frac{3}{4}$	Mar. 1, 1948	5,000 00
Medford, Mass.	Cpn. $2\frac{1}{2}$	Sept. 1, 1948	14,000 00
Newburyport, Mass.	Cpn. $1\frac{3}{4}$	July 1, 1948	2,000 00
Commonwealth of Massachusetts	Reg. $3\frac{1}{2}$	Jan. 1, 1949	5,000 00
Quincy, Mass.	Cpn. 1	Mar. 1, 1949	25,000 00
Malden, Mass.	Cpn. $2\frac{1}{4}$	June 1, 1949	14,000 00
Newburyport, Mass.	Cpn. $1\frac{3}{4}$	July 1, 1949	2,000 00
Malden, Mass.	Cpn. 1	Aug. 1, 1949	3,000 00
Warwick, R. I.	Cpn. $1\frac{3}{4}$	Mar. 1, 1950	5,000 00
Salem, Mass.	Cpn. 1	April 1, 1950	12,000 00
Narragansett, R. I.	Cpn. 3	April 1, 1950	10,000 00
Malden, Mass.	Cpn. $2\frac{1}{4}$	June 1, 1950	9,000 00
Malden, Mass.	Cpn. 1	Aug. 1, 1950	3,000 00
Warwick, R. I.	Cpn. $1\frac{3}{4}$	Mar. 1, 1951	2,500 00
Narragansett, R. I.	Cpn. 3	April 1, 1952	5,000 00
Boston and Maine Railroad	Cpn. 4	July 1, 1960	8,000 00
Maine Central Railroad	Cpn. $4\frac{1}{2}$	Dec. 1, 1960	50,000 00
Boston and Maine Railroad	Cpn. $4\frac{1}{2}$	July 1, 1970	20,000 00
United States Treasury Notes . . .	Cpn. $1\frac{1}{4}$	Dec. 15, 1941	55,000 00
United States Treasury Bonds . . .	Cpn. $3\frac{1}{4}$	Oct. 15, 1945-43	205,000 00
United States Treasury Bonds . . .	Cpn. $3\frac{1}{4}$	April 15, 1946-44	60,000 00
United States Treasury Bonds . . .	Cpn. $\frac{3}{4}$	Mar. 15, 1945	100,000 00
United States Treasury Bonds . . .	Cpn. 2	Dec. 15, 1947	75,000 00
United States Treasury Bonds . . .	Cpn. 2	Dec. 15, 1950-48	65,000 00
Federal Farm Loan	Cpn. 3	July 1, 1955-45	50,000 00
United States Treasury Bonds . . .	Cpn. 3	Sept. 15, 1955-51	80,000 00
Consolidated Federal Farm Loan	Cpn. 3	May 1, 1956-46	25,000 00

Total \$1,790,000 00

WATER LOAN FUND

Bonds held December 31, 1940

<i>Issue</i>	<i>Rate</i>	<i>Maturity</i>	<i>Par Value Amount</i>
City of Cambridge, Mass.	Reg. 3½	Mar., 1941	\$16,500 00
City of Cambridge, Mass.	Reg. 3½	Dec., 1941	10,000 00
Total			<u>\$26,500 00</u>

ANNUAL REPORT

OF THE

Cambridge Retirement Board

January 1, 1940 to December 31, 1940

Honorable John W. Lyons, Mayor:

Pursuant to the provisions of Chapter 453, section 14 (6) Legislative Act of 1931, the Cambridge Retirement Board submits its annual report for the period beginning January 1, 1940 and ending December 31, 1940.

MEMBERSHIP STATISTICS

	January 1, 1940	Reinstated	Transferred	Deceased	Resigned	Retired	December 31, 1940
With prior service:							
Men.....	52		2				50
Women.....	70		2			1	67
Without prior service:							
Men.....	109		2	1	5		101
Women.....	65	1	1		2		63
Totals.....	296	1	7	1	7	1	281

CONDITION OF FUNDS, DECEMBER 31, 1940
Annuity Savings Fund

	Receipts		Savings Deposits	Securities Book Value	Total
On hand January 1, 1940.....			\$14,814 66	\$128,074 21	\$142,888 87
On hand December 31, 1940.....			35,730 55	128,043 93	163,774 48
Pay roll deductions.....					
Earnings:					
Interest on investments.....		\$19,516 55			\$2,827 50
Withdrawn from savings deposits.....		5,873 80			919 39
Total.....		4,474 46			727 57
					25,390 35
					\$29,864 81

Annuity Reserve Fund

	Receipts		Savings Deposits	Payments	Total
On hand January 1, 1940.....			\$11,193 62		\$11,288 73
On hand December 31, 1940.....			10,128 13		10,184 56
From Annuity Savings Fund.....					
Earnings: Interest on deposit.....		\$919 39			\$1,788 68
Withdrawn from Savings Deposit.....		213 17			448 05
Cash on hand January 1, 1940.....		2,198 05			1,132 56
		95 11			56 43
Total.....					\$3,425 72

Pension Accumulation Fund

	Cash	Savings Deposits	Securities Book Value	Total
On hand January 1, 1940.....	\$158 97	\$54,129 24	\$123,242 75	\$177,530 96
On hand December 31, 1940.....	94 45	9,459 48	79,181 12	88,735 05
Receipts				
Contributions:				
School Department.....				
Water Department.....	\$3,864 00			\$27,014 52
	771 04			72,529 39
Earnings:				
Interest on investments.....				
	\$4,635 04			
	3,998 97			
Adjustments:				
From Earnings Annuity Savings Fund.....	\$727 57			
From Earnings Annuity Reserve Fund.....	448 05			
Securities sold to Act of 1936 System.....	1,175 62			
Withdrawn from savings deposits.....	45,000 00			
Cash on hand January 1, 1940.....	54,479 39			
	158 97			9,809 63
Total.....	\$109,447 99			94 45
				\$109,447 99

Summary

	Cash	Savings Deposits	Securities Book Value	Total
On hand January 1, 1940.....	\$254 08	\$80,137 52	\$251,316 96	\$331,708 56
On hand December 31, 1940.....	150 88	55,318 16	207,225 05	262,694 09
Receipts				
Pay roll deductions.....	\$19,516 55			\$1,788 68
City's contributions.....	4,635 04			27,014 52
Earnings:				
Interest on investments.....	10,085 94			2,827 50
Securities sold to Act of 1936 System.....	45,000 00			
Withdrawn from savings deposits.....	61,151 90			72,529 39
Cash on hand January 1, 1940.....	254 08			36,332 54
				150 88
Total.....	\$140,643 51			\$140,643 51

BALANCE SHEET

December 31, 1940

<i>Assets</i>		<i>Liabilities</i>	
Annuity Savings Fund:		Annuity Savings Fund.....	\$137,845 25
Investments:		Accounts Payable:	
Savings Deposit.....	\$35,730 55	Annuity Savings Fund	
Securities, Par Value.....	129,000 00	Act of 1936 System.....	25,929 23
	<u>\$164,730 55</u>		
Premiums, Securities Purchased.....	641 27		
Pension Accumulation Fund:		Pension Accumulation Fund.....	60,800 07
Cash.....	\$94 45	Accounts Payable:	
Investments:		Pension Accumulation Fund	
Savings Deposit.....	9,459 48	Act of 1936 System.....	27,934 98
Securities, Par Value.....	76,000 00		
	<u>85,553 93</u>		
Premiums, Securities Purchased.....	3,267 66		
	<u>10,184 56</u>		
Annuity Reserve Fund:		Annuity Reserve Fund.....	10,184 56
Cash.....	\$56 43	Discount, Securities Purchased:	
Investment:		Annuity Savings Fund.....	\$1,597 34
Savings Deposit.....	10,128 13	Pension Accumulation Fund.....	86 54
	<u>10,184 56</u>		<u>1,683 88</u>
Total.....	<u>\$264,377 97</u>	Total.....	<u>\$264,377 97</u>

The funds of the System are invested as follows:

ANNUITY SAVINGS FUND

Savings Deposit:

Cambridge Savings Bank \$35,730 55

Securities, Par Value:

Boston and Albany Railroad	5's	Oct. 1963	\$5,000 00
City of Boston, Mass.	4½'s	Oct. 1963	25,000 00
Boston Elevated Railway	4½'s	Nov. 1941	3,000 00
Boston Elevated Railway	5's	Dec. 1942	6,000 00
Brooklyn Union Gas	5's	May 1957	5,000 00
City of Cambridge, Mass.	4's	June 1945-50	6,000 00
Cleveland Terminal and Valley Railroad	4's	Nov. 1995	5,000 00
New York State Electric and Gas	4's	Aug. 1965	5,000 00
*Old Colony Railroad	5's	Dec. 1945	5,000 00
Pennsylvania Electric Co.	4's	May 1971	10,000 00
Peoples Gas Light and Coke Co.	4's	June 1961	15,000 00
Pere Marquette Railroad	4's	July 1956	15,000 00
Springfield City Water	4's	Apr. 1956	5,000 00
West End Street Railway	5's	Mar. 1944	4,000 00
West Virginia and Pittsburgh Railroad	4's	Apr. 1990	5,000 00
Wisconsin Power and Light	4's	June 1966	10,000 00

129,000 00

*(In default on interest)

\$164,730 55

PENSION ACCUMULATION FUND

Savings Deposit:

Cambridgeport Savings Bank \$9,459 48

Securities, Par Value:

Armour and Company	4's	Aug. 1955	\$6,000 00
Boston and Albany Railroad	4¼'s	Aug. 1978	5,000 00
Boston and Albany Railroad	5's	Oct. 1963	10,000 00
Empire District Electric	5's	Mar. 1952	10,000 00
Lowell Gas Light Company	4½'s	Mar. 1966	10,000 00
Pennsylvania Electric Co.	5's	Apr. 1962	20,000 00
West End Street Railway	5's	Mar. 1944	10,000 00
West End Street Railway	7's	Sept. 1947	5,000 00

76,000 00

85,459 48

ANNUITY RESERVE FUND

Savings Deposit:

Cambridgeport Savings Bank 10,128 13

\$260,318 16

ADMINISTRATION EXPENSES

Accountant.....	\$858 00
Actuary.....	500 00
Premiums on surety bonds.....	100 00
Postage.....	1 35
Rent of safety deposit boxes.....	30 00
Office supplies.....	34 13
	\$1,523 48

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES
OF BENEFICIARIES

December 31, 1940

	<i>Superannuation Retirements</i>			<i>Disability Retirements</i>		
	<i>No.</i>	<i>Annuities</i>	<i>Pensions</i>	<i>No.</i>	<i>Annuities</i>	<i>Pensions</i>
General Employees:						
Men.....	12	\$704 26	\$9,037 78	2	\$78 85	\$1,805 37
Women.....	12	304 25	6,089 85	.	.....	.....
School Department						
Employees:						
Men.....	6	390 19	4,050 53	.	.....	.....
Women.....	4	190 40	1,299 62	.	.....	.....
Water Department						
Employees:						
Men.....	..	.....	.....	.	.....	.....
Women.....	1	23 20	863 16	.	.....	.....
Fire Department						
Employees:						
Men.....	..	.....	.....	1	4 00	1,095 00
	35	\$1,612 30	\$21,340 94	3	\$82 85	\$2,900 37

<i>Name</i>	<i>Department</i>	<i>Annuity</i>	<i>Pension</i>	<i>Total</i>
Margaret A. Connelly	Auditing	\$31 60	\$448 40	\$480 00
William J. Hopkins	Treasury	11 69	468 31	480 00
Carrie A. Estes	Assessors	6 77	482 49	489 26
Adah N. Bowles	License Commission	39 51	806 00	845 51
Harry A. Penniman	Election Commission	120 99	359 01	480 00
William A. Ford	Building	22 19	770 90	793 09
James J. Geary	Building	23 38	661 37	684 75
Mary E. Mannix	Building	4 51	475 49	480 00
Mary A. O'Hearn	Police	21 54	458 46	480 00
John O'Hearn	Electrical	66 40	558 28	624 68
Arthur Jewell	Electrical	105 90	1,365 00	1,470 90
Timothy F. McCarthy	Sewer	13 60	607 11	620 71
Michael Scanlon	Sewer	69 52	.....	69 52
Thomas W. Doyle	Street	55 47	1,144 00	1,199 47
John B. Lever	Street	37 27	920 12	957 39
Bernard F. Martin	Street	92 03	857 97	950 00
Catherine T. Patten	City Hospital	10 76	469 24	480 00
Samuel F. Norris	Public Welfare	48 57	990 39	1,038 96
William G. Brousseau	City Physician	24 46	1,114 47	1,138 93
Margaret Gould	Welfare — Infirmary	16 94	463 06	480 00
Helena T. Curtis	Library	49 88	430 12	480 00
Caira D. Hawkes	Library	40 29	439 71	480 00
Harriet D. Lochman	Library	16 12	723 21	739 33

<i>Name</i>	<i>Department</i>	<i>Annuity</i>	<i>Pension</i>	<i>Total</i>
Annie Z. Miller	Library	\$17 87	\$462 13	\$480 00
Alice C. Welch	Library	48 46	431 54	480 00
John B. Kelleher	Park	91 64	1,026 22	1,117 86
Henry P. Brown	School	10 74	579 38	590 12
Patrick B. Burns	School	139 34	727 22	866 56
William J. Cogan	School	64 74	1,085 26	1,150 00
Katharine A. Duffy	School	66 70	413 30	480 00
Annie M. Munz	School	42 92	437 08	480 00
Mary Mahoney	School	49 67	430 33	480 00
Mary E. O'Connell	School	31 11	18 91	50 02
John J. Roach	School	20 82	853 22	874 04
Cornelius F. Sullivan	School	50 68	429 32	480 00
John J. Sullivan	School	103 87	376 13	480 00
Hattie F. Milligan	Water	23 20	863 16	886 36
Ursise W. E. Fournier	Fire	4 00	1,095 00	1,099 00
		\$1,695 15	\$24,241 31	\$25,936 46

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF GENERAL MEMBERS ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1871	2	\$4,420 00	1	\$1,716 00	3	\$6,136 00
1873	1	2,340 00	1	600 00	2	2,940 00
1874	..	.....	1	1,300 00	1	1,300 00
1875	..	.....	1	1,300 00	1	1,300 00
1876	1	2,184 00	2	2,548 00	3	4,732 00
1877	2	6,590 00	2	2,168 00	4	8,758 00
1878	1	4,700 00	1	1,404 00	2	6,104 00
1879	1	4,000 00	..	.....	1	4,000 00
1880	1	2,184 00	..	.....	1	2,184 00
1881	3	11,300 00	1	600 00	4	11,900 00
1882	2	4,524 00	1	1,404 00	3	5,928 00
1883	..	.....	3	3,036 00	3	3,036 00
1884	1	4,700 00	1	1,320 00	2	6,020 00
1885	1	2,184 00	1	720 00	2	2,904 00
1886	2	5,796 00	..	.....	2	5,796 00
1887	..	.....	3	4,272 00	3	4,272 00
1888	2	6,216 00	3	6,300 00	5	12,516 00
1889	..	.....	1	660 00	1	660 00
1890	..	.....	1	884 00	1	884 00
1891	1	4,600 00	1	1,716 00	2	6,316 00
1892	1	3,120 00	2	3,432 00	3	6,552 00
1894	1	2,652 00	..	.....	1	2,652 00
1897	..	.....	1	1,400 00	1	1,400 00
1898	1	2,600 00	1	1,200 00	2	3,800 00
1899	1	1,924 00	2	2,964 00	3	4,888 00
1900	2	4,888 00	..	.....	2	4,888 00
1902	1	2,080 00	3	4,004 00	4	6,084 00
1905	2	3,744 00	1	1,716 00	3	5,460 00
1906	4	7,744 00	1	960 00	5	8,704 00
1907	2	4,940 00	1	1,716 00	3	6,656 00
1909	1	1,768 00	2	2,860 00	3	4,628 00
1910	..	.....	1	1,508 00	1	1,508 00
1914	1	1,144 00	..	.....	1	1,144 00
	38	\$102,342 00	40	\$53,708 00	78	\$156,050 00

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF SCHOOL DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1871	1	\$2,080 00	..	.....	1	\$2,080 00
1872	..	.....	1	\$1,100 00	1	1,100 00
1873	..	.....	1	1,040 00	1	1,040 00
1874	..	.....	2	2,140 00	2	2,140 00
1875	..	.....	2	2,080 00	2	2,080 00
1876	..	.....	1	1,040 00	1	1,040 00
1878	1	2,300 00	..	.....	1	2,300 00
1879	2	6,283 37	3	3,240 00	5	9,523 37
1880	2	4,484 00	1	1,100 00	3	5,584 00
1882	..	.....	3	3,240 00	3	3,240 00
1887	..	.....	1	1,100 00	1	1,100 00
1889	..	.....	1	1,040 00	1	1,040 00
1890	..	.....	1	1,100 00	1	1,100 00
1892	1	1,820 00	..	.....	1	1,820 00
1893	..	.....	1	1,716 00	1	1,716 00
1898	..	.....	1	1,716 00	1	1,716 00
1899	1	2,600 00	2	3,432 00	3	6,032 00
1900	1	2,900 00	..	.....	1	2,900 00
1903	..	.....	3	5,148 00	3	5,148 00
1906	1	1,820 00	..	.....	1	1,820 00
1907	..	.....	1	1,716 00	1	1,716 00
1908	..	.....	1	1,716 00	1	1,716 00
	10	\$24,287 37	26	\$33,664 00	36	\$57,951 37

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF WATER DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1872	1	\$5,000 00	..	.....	1	\$5,000 00
1875	..	.....	1	\$1,716 00	1	1,716 00
1876	1	2,600 00	..	.....	1	2,600 00
	2	\$7,600 00	1	\$1,716 00	3	\$9,316 00

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF GENERAL MEMBERS NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1872	..	.....	2	\$1,250 00	2	\$1,250 00
1873	1	\$1,716 00	..	.....	1	1,716 00
1874	..	.....	1	600 00	1	600 00
1875	1	1,820 00	1	600 00	2	2,420 00
1877	..	.....	1	600 00	1	600 00
1878	1	1,560 00	..	.....	1	1,560 00
1879	..	.....	2	1,744 00	2	1,744 00
1880	..	.....	1	1,144 00	1	1,144 00
1881	2	3,120 00	1	1,716 00	3	4,836 00
1882	..	.....	1	520 00	1	520 00
1883	2	2,860 00	2	1,250 00	4	4,110 00
1884	2	3,120 00	1	650 00	3	3,770 00
1885	5	6,718 00	..	.....	5	6,718 00
1886	1	2,106 00	1	1,118 00	2	3,224 00
1887	1	520 00	1	1,300 00	2	1,820 00
1888	5	9,204 00	1	540 00	6	9,744 00
1889	..	.....	1	600 00	1	600 00
1890	2	5,810 00	3	2,488 00	5	8,298 00
1891	1	1,716 00	..	.....	1	1,716 00
1892	3	4,992 00	1	540 00	4	5,532 00
1893	1	2,106 00	3	3,160 00	4	5,266 00
1894	..	.....	6	4,998 00	6	4,998 00
1895	..	.....	3	2,984 00	3	2,984 00
1896	1	1,140 00	..	.....	1	1,140 00
1897	2	3,744 00	..	.....	2	3,744 00
1898	..	.....	2	1,320 00	2	1,320 00
1899	2	3,120 00	3	3,748 00	5	6,868 00
1900	1	2,184 00	..	.....	1	2,184 00
1901	4	6,942 00	..	.....	4	6,942 00
1902	1	1,638 00	1	540 00	2	2,178 00
1903	1	2,106 00	1	1,144 00	2	3,250 00
1904	3	6,240 00	2	2,644 00	5	8,884 00
1905	..	.....	2	2,340 00	2	2,340 00
1906	3	4,758 00	..	.....	3	4,758 00
1907	2	4,368 00	1	720 00	3	5,088 00
1908	1	1,716 00	4	3,968 00	5	5,684 00
1909	2	3,120 00	1	1,400 00	3	4,520 00
1910	1	1,560 00	1	600 00	2	2,160 00
1911	..	.....	2	2,900 00	2	2,900 00
1912	1	1,300 00	2	1,760 00	3	3,060 00
1913	1	1,560 00	2	1,744 00	3	3,304 00
1914	..	.....	2	2,544 00	2	2,544 00
1915	..	.....	1	1,248 00	1	1,248 00
1916	..	.....	1	1,200 00	1	1,200 00
	54	\$92,864 00	61	\$57,622 00	115	\$150,486 00

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF SCHOOL DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1885	1	\$2,184 00	..	.....	1	\$2,184 00
1886	..	.....	1	\$1,040 00	1	1,040 00
1899	3	6,888 88	..	.....	3	6,888 88
1908	1	2,080 00	..	.....	1	2,080 00
	5	\$11,152 88	1	\$1,040 00	6	\$12,192 88

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF WATER DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1898	..	.....	1	\$1,456 00	1	\$1,456 00
1905	1	\$1,820 00	..	.....	1	1,820 00
1911	1	1,820 00	..	.....	1	1,820 00
	2	\$3,640 00	1	\$1,456 00	3	\$5,096 00

**DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF FIRE DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1901	1	\$2,190 00	..	.....	1	\$2,190 00
1902	3	6,570 00	..	.....	3	6,570 00
1903	1	2,190 00	..	.....	1	2,190 00
1904	2	4,380 00	..	.....	2	4,380 00
1905	2	4,380 00	..	.....	2	4,380 00
1906	2	4,380 00	..	.....	2	4,380 00
1907	4	9,320 00	..	.....	4	9,320 00
1908	2	4,380 00	..	.....	2	4,380 00
1909	3	7,130 00	..	.....	3	7,130 00
1910	1	2,190 00	..	.....	1	2,190 00
1911	1	2,190 00	..	.....	1	2,190 00
1913	1	2,190 00	..	.....	1	2,190 00
1914	1	2,190 00	..	.....	1	2,190 00
	24	\$53,680 00	..	.....	24	\$53,680 00

DISTRIBUTION BY AGE OF THE NUMBER AND ANNUAL SALARIES
OF POLICE DEPARTMENT MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1940

<i>Date of Birth</i>	<i>Male</i>		<i>Female</i>		<i>Total</i>	
	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
1900	1	\$2,190 00	..	.....	1	\$2,190 00
1901	2	4,380 00	..	.....	2	4,380 00
1902	1	2,190 00	..	.....	1	2,190 00
1905	1	2,190 00	..	.....	1	2,190 00
1906	2	4,380 00	..	.....	2	4,380 00
1907	5	10,950 00	..	.....	5	10,950 00
1908	1	2,190 00	..	.....	1	2,190 00
1909	1	2,190 00	..	.....	1	2,190 00
1910	2	4,380 00	..	.....	2	4,380 00
	16	\$35,040 00	..	.....	16	\$35,040 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF GENERAL MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1940

			Male			Female			Total
Service			Annual			Annual			Annual
Yrs.	Mos.	No.	Salaries	No.		Salaries	No.		Salaries
9	1	..	.....	1		\$600 00	1		\$600 00
9	5	2	\$3,588 00	..		.....	2		3,588 00
9	6	1	2,600 00	..		.....	1		2,600 00
9	7	..	.....	1		960 00	1		960 00
9	8	..	.....	3		2,256 00	3		2,256 00
9	11	..	.....	1		1,144 00	1		1,144 00
10	4	1	1,924 00	1		1,248 00	2		3,172 00
10	8	..	.....	1		1,200 00	1		1,200 00
11	1	..	.....	1		660 00	1		660 00
11	3	1	1,768 00	..		.....	1		1,768 00
11	5	1	1,872 00	..		.....	1		1,872 00
12	1	1	1,768 00	1		1,404 00	2		3,172 00
12	2	..	.....	1		1,716 00	1		1,716 00
12	3	1	1,144 00	1		660 00	2		1,804 00
12	5	..	.....	1		1,404 00	1		1,404 00
12	6	..	.....	1		1,508 00	1		1,508 00
13	4	..	.....	1		720 00	1		720 00
13	5	..	.....	1		1,716 00	1		1,716 00
13	8	..	.....	1		1,404 00	1		1,404 00
13	10	1	1,140 00	..		.....	1		1,140 00
14	4	1	2,184 00	..		.....	1		2,184 00
15	4	..	.....	1		1,716 00	1		1,716 00
15	6	1	2,340 00	2		3,100 00	3		5,440 00
15	7	1	2,080 00	..		.....	1		2,080 00
15	8	..	.....	1		884 00	1		884 00
15	11	..	.....	1		600 00	1		600 00
16	..	1	4,300 00	..		.....	1		4,300 00
16	5	1	1,924 00	..		.....	1		1,924 00
16	6	1	2,340 00	1		1,144 00	2		3,484 00
16	7	1	2,756 00	..		.....	1		2,756 00
16	9	..	.....	1		1,508 00	1		1,508 00
16	10	..	.....	1		884 00	1		884 00
17	8	2	7,200 00	..		.....	2		7,200 00
17	9	..	.....	1		1,300 00	1		1,300 00
18	1	1	2,080 00	..		.....	1		2,080 00
18	11	..	.....	1		1,716 00	1		1,716 00
20	..	1	2,652 00	..		.....	1		2,652 00
20	4	..	.....	1		1,716 00	1		1,716 00
20	11	..	.....	1		1,716 00	1		1,716 00
21	8	..	.....	1		1,404 00	1		1,404 00
21	9	..	.....	1		1,300 00	1		1,300 00
22	4	..	.....	1		2,000 00	1		2,000 00
22	6	1	2,548 00	..		.....	1		2,548 00
22	8	1	2,200 00	..		.....	1		2,200 00
22	10	..	.....	1		2,600 00	1		2,600 00
22	11	..	.....	1		1,320 00	1		1,320 00
23	..	1	3,120 00	..		.....	1		3,120 00
23	1	..	.....	1		1,620 00	1		1,620 00
23	5	..	.....	1		1,716 00	1		1,716 00
23	8	1	2,184 00	..		.....	1		2,184 00
26	4	..	.....	1		1,716 00	1		1,716 00

			Male			Female			Total
Service		No.	Annual	No.	Annual	No.	Annual		Annual
Yrs.	Mos.		Salaries		Salaries		Salaries		Salaries
26	9	..	.....	1	\$1,716 00	1	\$1,716 00		
29	6	1	\$2,184 00	..	.....	1	2,184 00		
29	7	1	3,200 00	..	.....	1	3,200 00		
30	..	1	2,340 00	..	.....	1	2,340 00		
30	1	1	4,000 00	..	.....	1	4,000 00		
30	8	..	.....	1	1,716 00	1	1,716 00		
31	5	1	4,700 00	..	.....	1	4,700 00		
31	8	1	2,496 00	..	.....	1	2,496 00		
32	4	1	4,800 00	..	.....	1	4,800 00		
32	9	1	3,300 00	..	.....	1	3,300 00		
33	6	1	2,340 00	..	.....	1	2,340 00		
36	6	1	3,016 00	1	1,716 00	2	4,732 00		
37	8	1	4,250 00	..	.....	1	4,250 00		
38	11	1	2,652 00	..	.....	1	2,652 00		
40	5	1	2,652 00	..	.....	1	2,652 00		
45	8	1	4,700 00	..	.....	1	4,700 00		
			38	\$102,342 00	40	\$53,708 00	78	\$156,050 00	

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF SCHOOL DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
9	5	1	\$1,820 00	..	.....	1	\$1,820 00
10	5	1	1,820 00	..	.....	1	1,820 00
10	11	..	.....	1	\$1,040 00	1	1,040 00
11	9	..	.....	1	1,100 00	1	1,100 00
11	10	..	.....	1	1,100 00	1	1,100 00
12	4	..	.....	1	1,040 00	1	1,040 00
12	7	..	.....	2	2,756 00	2	2,756 00
12	9	..	.....	1	1,100 00	1	1,100 00
13	6	..	.....	1	1,100 00	1	1,100 00
13	7	1	2,600 00	2	2,200 00	3	4,800 00
13	8	..	.....	2	2,200 00	2	2,200 00
14	3	..	.....	1	1,100 00	1	1,100 00
14	6	..	.....	1	1,716 00	1	1,716 00
14	9	..	.....	1	1,716 00	1	1,716 00
15	6	..	.....	1	1,040 00	1	1,040 00
15	8	..	.....	1	1,716 00	1	1,716 00
15	10	..	.....	1	1,040 00	1	1,040 00
17	7	..	.....	1	1,040 00	1	1,040 00
18	..	..	.....	1	1,716 00	1	1,716 00
18	1	..	.....	1	1,040 00	1	1,040 00
20	2	..	.....	1	1,716 00	1	1,716 00
20	10	..	.....	1	1,716 00	1	1,716 00
20	11	..	.....	1	1,716 00	1	1,716 00
21	5	..	.....	1	1,716 00	1	1,716 00
22	7	1	2,900 00	..	.....	1	2,900 00
24	9	..	.....	1	1,040 00	1	1,040 00
25	8	1	2,300 00	..	.....	1	2,300 00
32	5	1	2,184 00	..	.....	1	2,184 00
32	7	1	3,750 00	..	.....	1	3,750 00
37	1	1	2,080 00	..	.....	1	2,080 00
38	3	1	2,300 00	..	.....	1	2,300 00
41	1	1	2,533 37	..	.....	1	2,533 37
		10	\$24,287 37	26	\$33,664 00	36	\$57,951 37

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF WATER DEPARTMENT MEMBERS ELIGIBLE
FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
25	9	1	\$5,000 00	..	.....	1	\$5,000 00
28	6	1	2,600 00	..	.....	1	2,600 00
47	..	..	.....	1	\$1,716 00	1	1,716 00
		2	\$7,600 00	1	\$1,716 00	3	\$9,316 00

DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF GENERAL MEMBERS NOT ELIGIBLE
FOR PRIOR SERVICE CREDIT

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
2	..	2	\$4,004 00	..	.....	2	\$4,004 00
2	1	..	.....	1	\$650 00	1	650 00
2	2	..	.....	4	2,940 00	4	2,940 00
2	3	1	400 00	2	2,120 00	3	2,520 00
2	4	2	3,120 00	1	1,400 00	3	4,520 00
2	6	1	1,300 00	..	.....	1	1,300 00
2	7	2	3,120 00	..	.....	2	3,120 00
2	8	20	32,136 00	2	1,950 00	22	34,086 00
2	9	1	2,184 00	1	1,040 00	2	3,224 00
2	10	7	15,560 00	1	520 00	8	16,080 00
2	11	1	1,638 00	..	.....	1	1,638 00
3	..	6	8,992 00	..	.....	6	8,992 00
3	1	..	.....	1	600 00	1	600 00
3	2	..	.....	1	600 00	1	600 00
3	3	1	1,560 00	..	.....	1	1,560 00
3	5	1	2,184 00	..	.....	1	2,184 00
3	8	..	.....	1	540 00	1	540 00
3	9	1	1,872 00	..	.....	1	1,872 00
3	10	..	.....	1	1,144 00	1	1,144 00
4	..	..	.....	1	1,380 00	1	1,380 00
4	1	1	1,638 00	3	2,418 00	4	4,056 00
4	3	1	2,184 00	1	720 00	2	2,904 00
4	6	..	.....	1	600 00	1	600 00
4	7	..	.....	1	540 00	1	540 00
4	8	2	4,368 00	1	624 00	3	4,992 00
4	9	..	.....	1	1,300 00	1	1,300 00
5	..	..	.....	3	3,848 00	3	3,848 00
5	1	1	780 00	2	1,864 00	3	2,644 00
5	2	..	.....	1	600 00	1	600 00
5	3	..	.....	1	540 00	1	540 00
5	4	..	.....	3	4,448 00	3	4,448 00
5	6	..	.....	1	1,404 00	1	1,404 00
5	7	..	.....	1	1,144 00	1	1,144 00
5	8	1	2,184 00	1	1,404 00	2	3,588 00
5	9	..	.....	2	2,860 00	2	2,860 00
5	10	..	.....	3	1,704 00	3	1,704 00
6	..	..	.....	1	960 00	1	960 00
6	1	..	.....	1	1,040 00	1	1,040 00
6	3	..	.....	1	1,320 00	1	1,320 00
6	4	..	.....	1	1,200 00	1	1,200 00
6	6	..	.....	1	600 00	1	600 00
6	8	..	.....	3	1,860 00	3	1,860 00
6	9	..	.....	5	5,116 00	5	5,116 00
7	6	..	.....	1	1,144 00	1	1,144 00
7	7	..	.....	1	960 00	1	960 00
7	9	..	.....	1	720 00	1	720 00
8	6	1	2,080 00	..	.....	1	2,080 00
8	10	..	.....	1	600 00	1	600 00
8	11	1	1,560 00	1	1,200 00	2	2,760 00
		54	\$92,864 00	61	\$57,622 00	115	\$150,486 00

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF SCHOOL DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
4	11	..	.....	1	\$1,040 00	1	\$1,040 00
6	2	2	\$4,368 00	..	.....	2	4,368 00
6	9	1	2,080 00	..	.....	1	2,080 00
7	1	2	4,704 88	..	.....	2	4,704 88
		<u>5</u>	<u>\$11,152 88</u>	<u>1</u>	<u>\$1,040 00</u>	<u>6</u>	<u>\$12,192 88</u>

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF WATER DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
2	8	1	\$1,820 00	..	.....	1	\$1,820 00
3	9	1	1,820 00	..	.....	1	1,820 00
5	7	..	.....	1	\$1,456 00	1	1,456 00
		<u>2</u>	<u>\$3,640 00</u>	<u>1</u>	<u>\$1,456 00</u>	<u>3</u>	<u>\$5,096 00</u>

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF FIRE DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
2	1	3	\$6,570 00	..	.....	3	\$6,570 00
2	2	1	2,190 00	..	.....	1	2,190 00
2	7	3	6,570 00	..	.....	3	6,570 00
3	2	4	8,760 00	..	.....	4	8,760 00
3	8	1	2,190 00	..	.....	1	2,190 00
5	2	4	8,760 00	..	.....	4	8,760 00
5	4	1	2,750 00	..	.....	1	2,750 00
6	..	2	4,380 00	..	.....	2	4,380 00
6	1	3	6,570 00	..	.....	3	6,570 00
6	2	1	2,190 00	..	.....	1	2,190 00
6	3	1	2,750 00	..	.....	1	2,750 00
		<u>24</u>	<u>\$53,680 00</u>	<u>..</u>	<u>.....</u>	<u>24</u>	<u>\$53,680 00</u>

**DISTRIBUTION BY YEARS OF SERVICE OF THE NUMBER
AND ANNUAL SALARIES OF POLICE DEPARTMENT MEMBERS
NOT ELIGIBLE FOR PRIOR SERVICE CREDIT**

December 31, 1940

<i>Service</i>		<i>Male</i>		<i>Female</i>		<i>Total</i>	
<i>Yrs.</i>	<i>Mos.</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>	<i>No.</i>	<i>Annual Salaries</i>
2	3	13	\$28,470 00	..	.....	13	\$28,470 00
2	6	3	6,570 00	..	.....	3	6,570 00
		<u>16</u>	<u>\$35,040 00</u>	<u>..</u>	<u>.....</u>	<u>16</u>	<u>\$35,040 00</u>

VALUATION BALANCE SHEET SHOWING ASSETS AND LIABILITIES OF THE FUNDS
OF THE CAMBRIDGE RETIREMENT SYSTEM AS OF DECEMBER 31, 1940

Prepared by William T. Eldridge, Actuary

		<i>Present Value of Payments to be Received</i>		<i>Liabilities</i>		<i>Present Value of Payments to be Made</i>	
<i>Assets</i>							
Actual Assets:				Present value of benefits payable on account of beneficiaries now drawing allowances from the Annuity Reserve Fund.....		\$12,249 19	
Annuity Savings Fund.....	\$165,371 82			Present value of benefits payable on account of beneficiaries now drawing allowances from the Pension Accumulation Fund..		178,193 70	
Pension Accumulation Fund.....	88,821 59			Present value of benefits to members with prior service credit to be paid by contributions of the City of Cambridge into the Pension Accumulation Fund:			
Annuity Reserve Fund.....	10,184 56			Superannuation pensions on account of service as members, equal to annuities provided by contributions of employees	\$76,381 32		
Total Actual Assets.....	\$264,377 97			Additional superannuation pensions on account of service rendered prior to January 1, 1932.....	323,071 69		
				Ordinary disability pensions provided by the City.....	21,577 72		
				Accidental disability pensions provided by the City.....	2,367 82		
				Accidental death benefits provided by the City.....	8,936 61		
						432,335 16	

Total all benefits to members with prior service credit provided by the contributions of the City of Cambridge into the Pension Accumulation Fund.....

\$622,778 05

Contingent Assets:			
Present value of prospective contributions payable by the City of Cambridge into the Pension Accumulation Fund:			
viz.:			
Normal contribution of 2.45% of future salaries.....		\$73,496 02	
Accumulated liability contribution of 3.16% of future pay roll until liabilities of Pension Accumulation Fund on account of past services are liquidated.....		534,440 46	
Total.....		\$607,936 48	
TOTAL ASSETS (Actual and Contingent)		\$872,314 45	
Present value of benefits to new entrants to be paid by contributions of the City of Cambridge into the Pension Accumulation Fund:			
Superannuation pensions on account of service as members, equal to annuities provided by contribution of employees.		\$60,264 58	
Ordinary disability pensions provided by City.....		15,000 00	
Accidental disability pensions provided by City.....		1,900 00	
Accidental death benefits provided by City.....		7,000 00	
Total.....		\$84,164 58	
Present value of benefits on account of which contributions have been accumulated to date in the Annuity Savings Fund.....			165,371 82
TOTAL LIABILITIES.....			\$872,314 45

Note: No account is taken of the future contributions of employees into the Annuity Savings Fund because the benefits purchasable by them are exactly equal to the accumulated amount of the contributions and therefore do not affect the balance.

Respectfully submitted,

CAMBRIDGE RETIREMENT BOARD,

V. GEORGE BADOIAN, *Chairman*
CONSTANTINE J. CHURCH, *Secretary*
JOHN J. MCKENZIE, *City Auditor*

REPORT OF BOARD OF ASSESSORS

For Year Ending December 31, 1940

To His Honor the Mayor and the City Council:

We hand you herewith Report of the Board of Assessors for the year 1940.

ASSESSORS, CITY OF CAMBRIDGE.

JAMES J. CASEY, *Principal Assessor.*

WARRANTS, 1940

Debt. Service 1940	\$1,625,114	38
City	4,661,347	09
Final judgments	38,530	51
School	1,867,245	50
County	238,937	91
State	444,800	00
State Audit Municipal Account	3,693	13
Metropolitan District, Charles River Basin	18,404	93
Metropolitan parks	64,430	56
Nantasket Beach	4,775	04
Boulevards	7,371	10
Wellington Bridge maintenance	161	04
Metropolitan Planning Division	1,115	16
Metropolitan Sewerage	140,708	58
Boston Metropolitan District	402	78
Boston Elevated Railway deficit	220,811	40
Kendall Square rental deficit	9,323	15
Hospital or home care	210	00
Smoke inspection	1,921	87
Veterans exemption	558	63
Charles River Bridge	28,281	55
Chapter 376, Acts 1936	73	52
Deficit in overlay	249,626	26
Overlay	143,253	67
	\$9,771,097	76
Less polls (34,793)	\$69,586	00
Less estimated receipts	2,365,556	96
	2,435,142	96
	\$7,335,954	80

ESTIMATED RECEIPTS

Income tax	\$447,847 46
Corporation taxes	481,780 43
Based on actual departmental 1939	1,150,000 00
Distribution State Highway Fund	241,906 83
Overestimates 1939 State Chapter 376, Acts 1936	44,022 24
Total estimated receipts	<u>\$2,365,556 96</u>
Poll tax 34,793 at \$2.00	69,586 00
	<u>\$2,435,142 96</u>
Total estimated receipts plus poll tax, budget and warrants	\$9,771,097 76
Less estimated receipts including poll tax	<u>2,435,142 96</u>
Net amount to be raised by tax levy	\$7,335,954 80

VALUATIONS

Real estate	\$159,924,800 00
Tangible personal property	10,678,800 00
Total 1940	<u>\$170,603,600 00</u>
Total 1939	171,869,700 00
Loss in 1940	\$1,266,100 00
Tax rate 1940, \$43.00.	

VALUATION OF REAL ESTATE AND PERSONAL
PROPERTY AS OF JANUARY 1, 1940

Land	\$57,587,500	Loss over 1939	\$194,800
Buildings	102,337,300	Loss 1939	686,300
Personal estate	10,678,800	Loss 1939	385,000
	<u>\$170,603,600</u>	Total loss over 1939 . . .	<u>\$1,266,100</u>

This valuation of \$170,603,600 divided into the Tax Levy of \$7,335,954.80 gives a rate of \$43.00.

VALUATION OF EXEMPTED PROPERTY

City of Cambridge	\$13,885,500
Exempted property	69,972,700
Total	<u>\$83,858,200</u>

COLLECTORS' WARRANTS

On January 1, 1940, 34,793 polls were listed and warrant for 69,586 covering same was committed to the Collector of Taxes, April 9, 1940. 1,052 were added in a supplemental warrant, making total polls for the year 1940, 35,845.

The General Warrant for the year 1940 was committed to the Collector August 20, 1940. It required him to collect taxes at the rate of \$43.00 per thousand valuation:

On land valued at \$57,587,500.....	\$2,476,262 50
On buildings valued at \$102,337,300.....	4,400,503 90
Total tax on real estate \$159,924,800	\$6,876,766 40
On tangible personal property valued at \$10,678,800.....	459,188 40
Total personal property and real estate tax.....	\$7,335,954 80

BOSTON ELEVATED STREET RAILWAY

As indicated in the list of warrants we were required to raise by taxation in 1940, as the City's assessment on account of Boston Elevated Railway, the following amounts:

Deficiency in operating expenses.....	\$220,811 40
Deficiency in Kenmore Square rental.....	9,323 15
Total.....	\$230,134 55

Since 1932 the City of Cambridge has been required to raise amounts on account of deficiencies of the Boston Elevated Railway as follows:

1932 Deficiency.....	\$150,476 98
1933 Deficiency.....	235,996 08
Deficiency in Kenmore Square rental.....	6,576 05
1934 Deficiency.....	118,505 31
Deficiency in rental.....	9,690 00
1935 Deficiency.....	118,800 00
Deficiency in rental.....	9,700 00
1936 Deficiency.....	139,010 43
Deficiency in rental.....	9,182 06
1937 Deficiency.....	150,845 30
Deficiency in rental.....	9,393 71
1938 Deficiency.....	237,315 70
Deficiency in rental.....	9,328 96
1939 Deficiency.....	243,219 00
Deficiency in rental.....	9,728 76
1940 Deficiency.....	220,811 40
Deficiency in rental.....	9,323 15
Total.....	\$1,687,902 89

In nine years the taxpayers were required to pay \$1,687,-902.89 on account of Boston Elevated deficiencies.

SEVENTY-FOURTH ANNUAL REPORT OF THE CITY ENGINEER, 1940

To the Honorable City Council:

The City Engineer hereby submits his annual report, being the seventy-fourth of the Department, showing the operations and expenditures of the Engineering and Sewer Departments for the year ending December 31, 1940.

A brief summary of the work of the Engineering and Sewer Departments for the period of one year is as follows:

FOR HIGHWAY DEPARTMENT

Number of surveys made.....	3
Number of street lines given.....	304
Number of grades given.....	352
Number of streets on which paving, curbs, etc., were measured.....	51
Number of assessments prepared.....	180
Number of plans and profiles prepared.....	7
Number of estimates for granolithic sidewalks prepared.....	93

FOR SEWER DEPARTMENT

Number of surveys made.....	4
Number of lines given.....	66
Number of grades given.....	89
Number of sewers measured.....	18
Number of plans and profiles prepared.....	50
Number of photographic negatives made.....	6

FOR WATER DEPARTMENT

Number of surveys made.....	1
Number of lines given.....	2
Number of grades given.....	3
Number of plans and profiles prepared.....	6
Number of photographic negatives made.....	9

FOR LAW DEPARTMENT

Number of surveys made.....	106
Number of plans prepared.....	12
Number of photographic negatives made.....	140

FOR PARK DEPARTMENT

Number of surveys made.....	6
Number of lines given.....	23

Number of grades given.....	25
Number of plans and profiles prepared.....	6
Number of photographic negatives made.....	6

FOR CEMETERY DEPARTMENT

Number of surveys made.....	0
Number of lines given.....	0
Number of grades given.....	0
Number of plans and profiles prepared.....	0

FOR MISCELLANEOUS WORK

Number of circuit bench levels.....	0
Number of houses measured.....	0
Number of plans, profiles, tracings, etc., prepared.....	60
Number of surveys made.....	1
Number of lines given.....	33
Number of grades given.....	16
Number of photographic negatives made.....	59

There are on file in this office 15,318 plans.

FINANCIAL

Engineering Department

SALARIES

Appropriation.....	\$28,158 00
Expended.....	28,004 50
Balance.....	\$153.50

GENERAL EXPENSE

Appropriation.....	\$377 10
Expended.....	353 44
Balance.....	\$23 66

Salaries have been expended as follows:

To salary of City Engineer.....	\$4,700 00
To salaries of assistants.....	23,304 50
	\$28,004 50

CLASSIFICATION OF SALARIES OF ASSISTANTS

Accidents: surveys, plans and court attendance for Law Department...	\$1,264 00
Accounts: bookkeeping and clerical work.....	1,716 00
Assessors' Plans: plans, measurements and work on Block Plans for Assessors' Department.....	2,863 29
Bridges: surveys, plans, examinations and estimates for repairs.....	622 34

Cemetery: surveys, plans, measurements and setting out lots at the Cambridge Cemetery	\$101 37
Highway: Surveys, levels, plans, titles, estimates, measurements and assessments for Highway Department	7,164 28
Miscellaneous: unclassified work for committees and departments, vacations and sickness	3,054 51
Parks: surveys, lines, grades, plans and estimates for Park Department.	1,834 90
Sewers: lines, grades, plans, surveys, estimates, accounts, measurements and assessments for Sewer Department	3,989 41
Water Department: lines, surveys, plans and estimates for Water Department	694 40
Total	\$23,304 50

REVENUE

230 Copies of City Map were sold during the year	\$23 00
--	---------

ASSESSORS' BLOCK PLANS

No appropriation was made for printing or mounting Assessors' Department plans, but changes in divisions of lots and plotting of buildings were made on the old Block Plans.

CITY BRIDGES

The annual report of the city bridges was made and the following is the report of the present conditions.

Wellington Bridge, over Wellington Brook at Blanchard Road. This bridge has been replaced by two 66-inch concrete pipes, as the former bridge became unsafe for the heavy traffic that was traveling over it.

Huron Avenue Bridge, at Fountain Terrace. The steel work on this bridge needs scraping and painting badly. The steel fence needs painting and repairing badly. The sidewalk planking needs replacing. The roadway on the bridge needs repairing very badly. The steel girders are rusted at the abutments and should be repaired. This bridge is in fair condition but some of the steel members should be reinforced because of the increased traffic over this bridge.

Huron Avenue Bridge, at the Watertown Branch, Boston and Maine Railroad. This bridge is in fair condition. The steel work and the pedestals must be cleaned and painted and the clay kept away from them as the steel is corroding. The steel fence is badly in need of scraping and painting. Some of the sidewalk

planking should be replaced. The roadway should be repaired. Some of the steel members should be reinforced because of the increased traffic over this bridge. With a few minor repairs this bridge is in good condition.

Walden Street Bridge, over the Boston and Maine Railroad. This bridge is in good condition. The main steel girders should be painted as soon as possible. The concrete curbing at the side of the roadway is beginning to break and needs repairs. Some of the gunite is cracked and needs repairing. The northerly abutment should be repaired and cemented at the joints of the stone. The wing wall on the west side of the bridge should be repaired at once. Outside of a few minor repairs this bridge is in good condition.

Sixth Street Bridge, over Broad Canal. This bridge is in fair condition. The four dolphins are in very poor condition and should be renewed at once for the protection of the bridge. The steel needs painting very badly and the safety gates repaired so that they will be able to operate.

Walings need repairing and some should be replaced. The wood deck on the bridge needs repairing. The bridge should be adjusted to operate freely because of binding on openings. The main deck of the bridge should be repaired.

Third Street Bridge, over Broad Canal. This bridge is in fair condition. The steel needs painting very badly and the safety gate arms should be repaired at once. The dolphins at the corners of the draw are in poor condition and should be repaired at once.

The sidewalk decking should be repaired at once. Adjustments should also be made at this bridge as of Sixth Street Bridge. There should be new walings and new piles at this bridge.

First Street Bridge, over Broad Canal. This bridge has been completely overhauled and repaired and is now in first class shape.

Commercial Avenue Bridge, over Lechmere Canal. This bridge has been completely overhauled and repaired and is now in first class shape.

On all canal drawbridges I recommend that a system of open steel decking be installed, as this would remove the trouble caused from dirt and snow accumulation.

STREETS LAID OUT AND ACCEPTED FROM JANUARY 1, 1940 TO DECEMBER 31, 1940

LOCATION OF STREET					PLAN		
Street	From	To	Length in Feet	Width in Feet	Made by	Date	Date of Acceptance
Doane Street	Foster Street	Kenway Street	145.0	30.0	Donald J. Reardon	June 23, 1939	Jan. 18, 1940
Westley Avenue	Harvey Street	Northerly	158.0	30.0	Donald J. Reardon	Aug. 13, 1940	Nov. 14, 1940

STREETS LAID OUT AND ACCEPTED FROM JANUARY 1, 1940 TO DECEMBER 31, 1940

Length of accepted streets in the city December	
31, 1940.....	114.604 miles
Accepted in 1940.....	.057 miles
Discontinued in 1940.....	.....
Total length of accepted streets December 31, 1940	114.661 miles
Total length of unaccepted streets December	
31, 1940.....	13.868 miles
Total mileage open for travel.....	128.529 miles
Doane Street was accepted from Foster Street to Kenway Street in January, 1940.	

CLASSIFIED SCHEDULE OF SEWERS AS BUILT TO DECEMBER 31, 1940

Vitrified and cement.....	127.427 miles
Brick.....	43.325 miles
Wood.....	2.921 miles
Cement concrete.....	17.544 miles
Iron pipe.....	0.365 miles
Miscellaneous.....	2.333 miles

Total length of sewers constructed to date.. 193.915 miles

GENERAL SEWER CONSTRUCTION

The total length of new sewers constructed during the year was 2.535 miles, making a total mileage in the city of 193.915 miles. The total length of streets newly sewered during the year was 0.128 miles, making a total mileage of streets sewered with one or more conduits 130.642 miles.

There were no old sewers relaid but there were 0.862 miles replaced.

There are 97.589 miles of combined sewers in the city, 60.100 miles of sanitary sewers and 36.226 miles of storm sewers, making a total of 193,915 miles.

STREET CATCH BASINS

The total number of catch basins in the city is now 2,758.

Catch basins with wooden covers.....	247
Catch basins with sidewalk flaggings.....	1,080
Catch basins with "D" frames.....	1,362
Catch basins with miscellaneous covers.....	69

Thirteen new catch basins have been built during the year at a cost of \$2,044.31.

Twenty-eight catch basins have been repaired during the year at a cost of \$2,243.00.

One thousand three hundred seventy-nine cubic yards of material have been removed from 874 catch basins during the year at a cost of \$4,897.00.

Fourteen persons have been licensed during the year as drainlayers.

Permits have been granted private drain connections or repairs as follows:

For connection to sanitary sewers.....	40
For connections to combined sewers.....	25
For connections to storm sewers.....	15
For repairs.....	30
Total.....	110

A total number of 80 permits for connections and 30 for repairs.

METROPOLITAN SEWER TAX

Appropriation.....	\$139,944 04
Sinking Fund requirements.....	\$4,135 76
Maintenance and operation.....	62,141 96
Interest account.....	21,294 01
Maturing serial bonds.....	52,372 31

SEWER CONSTRUCTION ACCOUNT

Appropriation.....	\$295,023 03
Expended.....	254,287 52
Balance.....	\$40,735 51

Expended

General expense*.....	\$5,781 20
New catch basins.....	2,044 31
Sidney Street sewer.....	10,189 40
Rindge Avenue outlet.....	1,542 34
Amherst Alley sewer.....	11,027 85
Mt. Auburn Street sewer.....	15,407 28
Chauncy Street sewer.....	2,574 25
Hamilton Street sewer.....	7,514 72
Vail Court sewer.....	4,208 17
Berkeley Street sewer.....	2,604 60
	\$62,894 12

* Includes one-half the salary of Superintendent of Sewers.

SEWERS CONSTRUCTED JANUARY 1, 1940 TO DECEMBER 31, 1940

Street	From	To	Material	Size in Inches			Number of			Av. Depth in Feet	Length in Feet			Cost		Time when work was	
				Combined	Storm	Sanitary	Manholes	Lamp-holes	Inlets		Combined	Storm	Sanitary	Per Foot	Total	Begun	Finished
Amherst Alley	Fowler Street	Greenhalge Street	Akron Pipe	.....	10"	8"	2	.....	35	9	.....	679.0	679.0				
Chauncy Street	Massachusetts Avenue	Westerly	Akron Pipe	12"	.....	10"	1	.....	.....	7	40.0	.....	.....				
Hamilton Street	Sidney Street	Brookline Street	Akron Pipe	.....	15"	.....	.....	2	.....	7	.....	369.0	34.0				
Mt. Auburn Street	University Road	Easterly	Concrete Pipe	.....	30"	.....	Under	Construction	.....	.....	.....	.....	.....				
Sidney Street	Erie Street	Allston Street	Akron Pipe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
			Concrete Pipe	.....	18"	10"	.....	.....	12	10	.....	336.0	336.0				

* Relay

WPA CONSTRUCTION

Blake Street	Massachusetts Avenue	Orchard Street	Concrete Pipe	.....	27	.....	1	.....	2	8	.....	467.0	.....				
Blanchard Road	Wellington Brook	Bird's Pond	Concrete Pipe	Under	Construction	.....	.....	.....	.....	.....	.....	.....	.....				
Chauncy Street	Garden Street	Northerly	Akron Pipe	.....	24-18	10"	2	.....	.....	9	.....	400.0	400.0				
Greenough Avenue	Ellsworth Avenue	Highland Avenue	Concrete Pipe	.....	12	8"	1	.....	.....	10	.....	258.0	258.0				
Highland Street	Sparks Street	Appleton Street	Akron Pipe	.....	24-15	12"-8"	3	.....	.....	10	.....	616.0	616.0				
Inman Street	Broadway	Harvard Street	Akron Pipe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Irving Street	Cambridge Street	Kirkland Street	Concrete Pipe	.....	18-12	8"	1	2	.....	9	.....	374.0	376.0				
Kirkland Road	Kirkland Street	Southerly	Akron Pipe	.....	27-24-15	.....	3	1	.....	8	.....	770.0	.....				
Kirkland Street	Holden Street	Charles River	Akron Pipe	.....	15-12	.....	1	.....	.....	.....	.....	245.0	.....				
			Concrete Pipe	.....	60-48-42	.....	.....	Under	Construction	.....	.....	.....	.....				
Lee Street	Broadway	Harvard Street	Concrete Pipe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Orchard Street	Blake Street	Tenney Street	Akron Pipe	.....	24	8"	1	.....	.....	9	.....	477.0	377.0				
Oxford Street	Kirkland Street	Northerly	Concrete Pipe	.....	24	.....	1	.....	.....	7	.....	265.0	.....				
			Concrete Pipe	.....	60	.....	3	.....	.....	14	.....	490.0	.....				
Sparks Street	Brewster Street	Northerly	Akron Pipe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
			Concrete Pipe	.....	24-15	8"	5	.....	.....	8	.....	1033.0	973.0				
Sumner Road	Kirkland Street	Cambridge Street	Akron Pipe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Trowbridge Street	Kirkland Street	Cambridge Street	Concrete Pipe	.....	24-15	.....	1	.....	.....	7	.....	566.0	.....				
West Street	Inman Street	Lee Street	Concrete Pipe	.....	33-27-15	.....	1	.....	.....	6	.....	891.0	.....				
			Akron Pipe	.....	15	8"	2	.....	.....	10	.....	552.0	552.0				

Table 1

Year	1990	1991	1992	1993
Population	100,000	105,000	110,000	115,000
GDP	100,000,000	105,000,000	110,000,000	115,000,000
Per capita GDP	1,000	1,050	1,100	1,150

1990	1991	1992	1993
100,000	105,000	110,000	115,000
100,000,000	105,000,000	110,000,000	115,000,000
1,000	1,050	1,100	1,150

The following amounts were the city's contribution to Works Progress Administration projects on sewer construction, the city paying for all materials and tools and supplying all trucks, derricks, pumps, compressors and experienced labor.

Pleasant, Magazine and Upton Streets sewers.	\$19,024	39	
Blanchard Road, Bird's and Cider Mill Ponds and May Street outlets and sewers.	94,501	90	
Sumner Road sewer.	1,708	54	
Irving Street sewer.	2,813	49	
Trowbridge Street sewer.	3,904	81	
Inman Street sewer.	2,280	24	
Orchard and Blake Streets sewers.	4,178	09	
Kirkland and Oxford Streets sewers.	49,503	38	
Sparks and Chauncy Streets and Concord Avenue sewers	5,208	24	
Lee and West Streets sewers.	3,486	34	
Highland Street sewer.	1,640	55	
Chauncy Street sewer	2,779	95	
Greenough Avenue sewer.	333	21	
Harvard Street manholes.	556	26	
			\$191,918 58
Expenditures.	\$254,812	70	
Refunds: gasoline tax, etc.	525	18	
Total expenditures.			\$254,287 52

SEWER MAINTENANCE

Appropriation.	\$36,227	45
Expended.	36,072	87
Balance.		\$154 58

Expended

Catch basin repairs.	\$2,243	00
Catch basin cleaning.	4,897	00
Cleaning and repairing gates.	1,532	00
Cleaning sumps.	68	00
Cleaning and flushing sewers.	5,347	25
Repairing manholes.	405	62
General expense, including vacations.	15,658	22
Office expense.	66	26
Salary, Superintendent of Sewers*.	2,125	00
Sewer repairs.	1,318	00
Yard and garage expense.	2,412	52
Total expenditures.		\$36,072 87

* One-half salary Superintendent of Sewers charged to Sewer Construction.

REVENUE

Rent from house No. 37 Pilgrim Street for twelve months.	\$96	00
--	------	----

Table Showing the Comparison by Months of the Precipitation at Stony Brook Basin, Hobbs Brook Basin, Concord, and City Hall.
Also the Number of Days in Which Rain Fell at City Hall in 1940

Point of Observation	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Stony Brook Basin	2.38	6.67	3.49	5.49	3.72	2.26	3.36	1.34	3.04	1.05	6.73	3.44	42.97
Hobbs Brook Basin	2.10	3.45	3.30	4.95	3.50	1.86	3.20	1.27	3.60	.90	6.36	2.58	37.07
Concord	2.34	4.06	3.22	4.86	3.90	2.69	4.29	1.02	3.51	1.21	6.07	2.90	40.07
City Hall	1.68	4.78	3.83	4.58	3.28	1.80	3.17	0.85	2.32	0.76	6.24	2.76	36.05
Number of days in which rain fell	10	12	11	13	14	13	12	7	11	9	14	13	139

TABLE SHOWING RAINFALL AT STONY BROOK BASIN AT WESTON, AT HOBBS BROOK BASIN IN WALTHAM, AT CITY HALL, CAMBRIDGE AND AT CONCORD FOR 1940

Day of Month	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				Day of Month																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Stony Brook	Hobbs Brook	City Hall	Concord	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.	S. B.	H. B.	C. H.	Con.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1																		.05	T	T		T	.01	.33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

WATER WORKS

Water wasted over the Stony Brook Dam during the year was as follows:

1940	Gallons
January.....	.....
February.....	.....
March.....	365,503,000
April.....	845,296,000
May.....	144,715,000
June.....	44,472,000
July.....	.....
August.....	.....
September.....	.....
October.....	.....
November.....	.....
December.....	.....
Total.....	1,399,986,000

The total amount of water passing over the dam during the year was 1,399,986,000 gallons. The total consumption of water during the year 1940 was 4,491,500,500 gallons.

The Engineering Department is organized as follows:

- City Engineer

G. FRANK HOOKER
- Deputy City Engineer

EDGAR W. DAVIS
- Superintendent of Sewers

THOMAS P. O'NEILL
- Secretary and Clerk

GENEVIEVE G. HANNON
- Assistants

RAY L. COOLIDGE, Assistant Engineer, Assessments and Office Work

DONALD J. REARDON, Assistant Engineer, Office Assistant

EDWARD SMITH, Assistant Engineer, Field Work
- Transitman

JOSEPH P. CARNEY
- Draftsmen

EDWARD F. CARNEY

J. DONNELL SULLIVAN

JOHN H. CORCORAN
- Rodman

JOHN A. ALTIMAS

Respectfully submitted,

G. FRANK HOOKER,
City Engineer.

REPORT OF THE BRIDGE COMMISSIONER
For the Boston and Cambridge Commission

EXPENDITURES

Labor, bridge cleaners	\$1,860 00
Light and power	2,847 25
Miscellaneous service	75 60
Miscellaneous supplies	20 51
Office supplies	9 75
Resurfacing of Cottage Farm Bridge	433 23
	\$5,246 34

The usual maintenance and policing were carried on this year.

The Boston end of the Cottage Farm Bridge at the approach to Commonwealth Avenue was resurfaced this year and the above figure represents the share of the expense of the City of Cambridge.

During the year an inspection was made of the Longfellow Bridge by representatives of the City of Cambridge Engineering Department, City of Boston Engineering Department, Metropolitan District Commission and myself and we discovered that the structural steel in the bridge which supports in part or in whole the Rapid Transit tracks across the bridge was in bad condition, and at this time I recommend that consideration be made to correct this condition.

I desire to thank the Boston Commissioner and his assistants for their help during the year.

Respectfully submitted,

JAMES F. MAHONEY,
Bridge Commissioner.

ANNUAL REPORT OF THE SUPERINTENDENT OF STREETS

For the Fiscal Year Ending December 31, 1940

To the Honorable City Council:

In accordance with the provisions of Chapter 25 of the Revised Ordinances of the City of Cambridge, the annual report of the Superintendent of Streets for the year ending December 31, 1940 is hereby submitted. A summary and analysis of the expenditures of the Department follow:

GENERAL MAINTENANCE EXPENDITURES

"A" Labor payrolls.....	\$236,148 00	
"B" Service items.....	154,921 72	
"C" Equipment items.....	281 32	
"D" Supplies.....	10,982 64	
"E" Materials.....	2,344 20	
"F" Special items.....	12,846 45	
		\$417,524 33

GARAGE AND SHOP ACCOUNT

"A" Labor payrolls.....	\$33,073 20	
"B" Service items.....	1,607 01	
"D" Supplies.....	2,126 12	
		36,806 33

SANITARY ACCOUNT

"A" Labor payrolls.....	\$192,735 40	
"B" Service items.....	2,282 19	
"D" Supplies.....	10,159 59	
"F" Special items.....	1,346 11	
		206,523 29

INCINERATOR ACCOUNT

"A" Labor payrolls.....	\$12,248 50	
"B" Service items.....	1,895 28	
"D" Supplies.....	1,255 18	
		15,398 96

\$676,252 91

ANALYSIS OF MAINTENANCE EXPENDITURES

Executive Office Expenses:		
Salary of Superintendent.....	\$4,250 00	
Salaries of office clerks.....	8,060 00	
Printing and binding.....	6 00	
Postage.....	22 50	
Advertising and posting.....	17 50	
Cartage and freight.....	4 65	
Office supplies.....	471 80	
		\$12,832 45

Amount carried forward..... \$12,832 45

<i>Amount brought forward</i>		\$12,832 45	
General Maintenance Street Expenses:			
Payrolls	\$191,294 16		
Road materials	11,170 57		
Equipment hire	1,891 50		
			204,356 23
Maintenance, Motor Equipment:			
Ford parts	\$579 47		
Outside labor	101 50		
Reo parts	723 92		
Outside labor	118 12		
Studebaker parts	310 50		
Outside labor	49 85		
Sweeper parts	404 98		
Outside labor	90 00		
Tractor parts	590 58		
Outside labor	26 75		
Roller parts	58 43		
Buick parts	23 05		
Stock	133 75		
Tires and tubes	206 92		
Chains	801 00		
Brake and light inspection	40 00		
Gasoline and motor oil	3,571 17		
Registration fees	68 00		
			7,897 99
Street Signs and Traffic Signals:			
Traffic and sign paint	\$412 09		
Brushes, paint shop supplies	63 29		
Steel and iron plates for signs	34 20		
Iron pipe for signs	372 30		
Lumber	185 40		
Hardware	264 43		
			1,331 71
Miscellaneous:			
Lanterns and globes	\$425 41		
Kerosene	144 16		
Hardware and miscellaneous parts	707 30		
Canvas covers	144 52		
Lumber	16 50		
Wiping rags	117 01		
Rock salt	5 35		
Electrical supplies	21 28		
Brooms	41 63		
Steam roller repair	12 80		
Filing saws	4 35		
Inspection of couplings	11 00		
Typewriter repairs	2 19		
Adding machine repairs	11 82		
Inspection service	175 67		
Miscellaneous service	3 00		
Boiler inspection	31 00		
			1,874 99
Snow Removal:			
Labor payrolls — permanent	\$44,075 70		
Labor payrolls — temporary	55,114 25		
Truck hire	25,358 85		
<i>Amounts carried forward</i>	\$124,548 80	\$228,293 37	

<i>Amounts brought forward</i>	\$124,548 80	\$228,293 37
Plow hire.....	20,076 90	
Snow loader hire.....	2,650 00	
Tractor hire.....	105 00	
Shovels.....	2,210 65	
		149,591 35
Tools and Equipment:		
Sledge hammers.....	\$13 55	
Shovels.....	69 47	
Brooms.....	80 00	
Ladders.....	37 30	
Pick handles.....	72 00	
Torch.....	9 00	
		281 32
Motor Equipment:		
4 2½ ton Mack dump trucks.....	\$9,480 00	
		9,480 00
Bridges:		
Drawtenders' salaries.....	\$32,543 84	
Light and power.....	1,469 66	
Fuel.....	119 25	
Lumber and spikes.....	449 60	
		34,582 35
Workmen's Compensation:		
Compensation paid.....	\$3,570 48	
Medical supplies.....	32 95	
Medical services.....	1,172 51	
		4,775 94
		\$427,004 33

GENERAL STREET MAINTENANCE AND REPAIR

This appropriation was expended for general maintenance of the Department, which includes street cleaning, maintenance of drawbridges, repairs to pavements, maintenance of equipment, upkeep of street signs and traffic equipment and general office expenses.

During the year four 2½ ton dump trucks were purchased. The addition of this new equipment to the Department has greatly increased the efficiency of the maintenance division.

The drawbridges of the Third and Sixth Street bridges in the City under the jurisdiction of the Street Department have been in a deplorable condition for the past several years and they are still badly in need of renovation, and it is to be hoped that they soon may be placed in first-class condition.

GARAGE AND SHOP ACCOUNT

Payroll.....	\$33,073 20	
Light and power.....	992 65	
Telephone.....	586 15	
Cartage.....	25	
Towel service.....	27 96	
Fuel.....	1,887 14	
Electrical supplies.....	53 18	
Janitor's supplies.....	71 43	
Glass.....	2 52	
Hardware.....	111 85	
		\$36,806 33

This appropriation was used for the payroll of the men regularly employed in the Hampshire, Raymond and New Street yards and shops, and for the general upkeep and maintenance of the buildings. The larger items expended, such as light and power, telephone and fuel, are more or less fixed charges and do not vary greatly from year to year.

COLLECTION OF ASHES AND HOUSE OFFAL

Payroll of ashes.....	\$133,997 88	
Payroll of house offal.....	58,737 52	
Ford parts.....	806 75	
Outside labor.....	64 13	
Reo parts.....	1,336 68	
Outside labor.....	202 38	
Studebaker parts.....	586 95	
Outside labor.....	222 25	
Mack parts.....	67 00	
Outside labor.....	22 50	
Tractor parts.....	44 12	
Outside labor.....	24 75	
Roller parts.....	31 89	
Outside labor.....	7 50	
Sweeper parts.....	40 95	
Plymouth parts.....	2 10	
Outside labor.....	4 50	
Outside labor — Buick.....	12 00	
Stock.....	443 40	
Outside labor.....	9 25	
Brake and light inspection.....	32 50	
Truck hire.....	883 50	
Motor fees.....	89 00	
Gasoline and oil.....	6,678 98	
Medical service.....	707 93	
Compensation payments.....	1,346 11	
Tubs and handles.....	69 61	
Hardware.....	45 28	
Janitor's supplies.....	5 88	
		\$206,523 29

The unburnable material collected during the year was disposed of in the dump at the extension of Rindge Avenue.

The following table shows the amount of unburnable material collected and the approximate cubic yardage of collection:

January	2,948
February	3,165
March	2,870
April	2,721
May	2,604
June	2,684
July	2,680
August	21,748
September	22,221
October	2,801
November	3,147
December	3,119
Cubic yards	72,708

The house offal collections for 1940 were disposed of in the usual manner by sale to hog raisers.

The cash receipts for the year amounted to \$14,348.40.

The demand among the hog raisers for the offal still exceeds the supply, but this condition may not always remain, and eventually some mechanical method for the disposal of the offal will have to be made.

The following table shows the number of cord feet of offal collected during 1940:

January	3,704
February	3,087
March	3,279
April	3,222
May	3,236
June	2,650
July	2,783
August	2,796.5
September	2,688
October	3,111
November	2,577
December	2,737.5
	35,871

INCINERATOR ACCOUNT

Labor payroll	\$12,248 50
Light and power	1,801 09
Telephone	82 96
Towel service	11 23
Fuel	1,122 25
General supplies	132 93
	\$15,398 96

The following table shows the cubical yardage of material received at the incinerator during the year:

January	17,438
February	15,239
March	18,779
April	22,431
May	24,174
June	21,561
July	22,346
August	1,680
September	1,020
October	23,734
November	15,700
December	14,630
Cubic yards	198,732

The fire and smoke nuisance at the dump has been practically eliminated since the erection of the new incinerator, which makes for comfort to patients at the Sanatorium, City Home, and residents in that area, and elimination of runs by the Fire Department, with a resultant saving in tires, fire hose, equipment and water.

CONSTRUCTION ACCOUNT FOR 1940

During the year the Department expended a total of \$489,-197.43 for construction work on streets. A summary of the manner in which this money was spent follows:

Payroll	\$287,042 72
Truck and equipment hire	52,882 46
Bituminous concrete	99,432 61
Concrete	8,378 01
Stone	13,775 36
Penetration asphalt	10,493 76
Steel	1,646 82
Tools	2,878 54
Gasoline	1,904 15
Inspection service	1,909 12
Roller coal	561 00
Hardware	322 18
Kerosene	44 40
Mats	300 00
Premolded filler	169 68
Binder	9 24
Risers	220 50
Pipe	874 50
Lumber	155 60
Edgestone	2,256 32
Brooms	45 40
Brick	2,885 80
Sand	617 26
Cement	260 00
Cinders	132 00
	\$489,197 43

Among the principal streets resurfaced during the year were the following:

Alpine Street.....	Rebuilt with bituminous concrete
Ash Street.....	Rebuilt with bituminous concrete
Berkeley Street.....	Rebuilt with bituminous concrete
Blanchard Road.....	Rebuilt with bituminous concrete
Brookford Street.....	Rebuilt with bituminous concrete
Bryant Street.....	Rebuilt with bituminous concrete
Charlestown Avenue.....	Rebuilt with bituminous concrete
Chatham Street.....	Rebuilt with bituminous concrete
Chauncy Street.....	Rebuilt with bituminous concrete
Chestnut Street.....	Rebuilt with bituminous concrete
Clark Street.....	Rebuilt with bituminous concrete
Copley Street.....	Rebuilt with bituminous concrete
Cottage Park Avenue.....	Rebuilt with bituminous concrete
Cottage Street.....	Rebuilt with bituminous concrete
Dana Street.....	Rebuilt with bituminous concrete
Eighth Street.....	Rebuilt with bituminous concrete
Ellsworth Park.....	Rebuilt with bituminous concrete
Fairmont Street.....	Rebuilt with bituminous concrete
Farrar Street.....	Rebuilt with bituminous concrete
Fayerweather Street.....	Rebuilt with bituminous concrete
Fenno Street.....	Rebuilt with bituminous concrete
Foch Street.....	Rebuilt with bituminous concrete
Follen Street.....	Rebuilt with bituminous concrete
Forest Street.....	Rebuilt with bituminous concrete
Francis Avenue.....	Rebuilt with bituminous concrete
Gardner Road.....	Rebuilt with bituminous concrete
Gladstone Street.....	Rebuilt with bituminous concrete
Granville Road.....	Rebuilt with bituminous concrete
Harvard Street.....	Rebuilt with ready mixed concrete
Highland Street.....	Rebuilt with bituminous concrete
Holden Street.....	Rebuilt with bituminous concrete
Irving Street.....	Rebuilt with bituminous concrete
Kirkland Road.....	Rebuilt with bituminous concrete
Kirkland Street.....	Rebuilt with bituminous concrete
Lopez Street.....	Rebuilt with bituminous concrete
Magazine Street.....	Rebuilt with bituminous concrete
Main Street.....	Rebuilt with bituminous concrete
Malcolm Road.....	Rebuilt with bituminous concrete
Market Street.....	Rebuilt with bituminous concrete
Mount Auburn Street.....	Rebuilt with bituminous concrete
Newman Street.....	Rebuilt with bituminous concrete
Ninth Street.....	Rebuilt with bituminous concrete
Oakland Street.....	Rebuilt with bituminous concrete
Otis Street.....	Rebuilt with bituminous concrete
Oxford Street.....	Rebuilt with bituminous concrete
Palermo Street.....	Rebuilt with bituminous concrete
Park Street.....	Rebuilt with bituminous concrete
Peters Street.....	Rebuilt with bituminous concrete
Plymouth Street.....	Rebuilt with bituminous concrete
Prentiss Street.....	Rebuilt with bituminous concrete
Putnam Avenue.....	Rebuilt with bituminous concrete
Raymond Street.....	Rebuilt with bituminous concrete
Reservoir Street.....	Rebuilt with bituminous concrete
Richdale Avenue.....	Rebuilt with bituminous concrete
Saville Street.....	Rebuilt with bituminous concrete
Seckel Street.....	Rebuilt with bituminous concrete

Seven Pines Avenue	Rebuilt with bituminous concrete
Seventh Street	Rebuilt with bituminous concrete
Sidney Street	Rebuilt with bituminous concrete
Sparks Street	Rebuilt with bituminous concrete
Spring Street	Rebuilt with bituminous concrete
Standish Street	Rebuilt with bituminous concrete
Sumner Road	Rebuilt with bituminous concrete
Traymore Street	Rebuilt with bituminous concrete
Trowbridge Street	Rebuilt with bituminous concrete
Tuttle Street	Rebuilt with bituminous concrete
Walden Street	Rebuilt with bituminous concrete
Warland Street	Rebuilt with bituminous concrete
Washington Street	Rebuilt with bituminous concrete
West Street	Rebuilt with bituminous concrete
Windsor Street	Rebuilt with bituminous concrete
Yorktown Street	Rebuilt with bituminous concrete

Details of construction costs on the above streets are not submitted, as they would be too voluminous.

A great deal of additional work was placed on the Department resurfacing cuts and trenches made by the Water and Sewer Departments.

During the year the Department, with the assistance of the WPA, completed a long list of granolithic sidewalks. These sidewalks were laid upon petition of the abutting owners at a cost to the abutters of twelve cents per square foot. This charge covers the average actual cost of the material used. The labor is performed by WPA workmen under the direct supervision of Street Department foremen. The Department paid into the City Treasury the sum of \$3,293.68 received from sidewalks which were completed. This money was returned to the Department for use on other projects. 27,447 square feet of granolithic sidewalks were laid during the year, and this work is to continue into the next year.

There was also a long list of edgestones and new driveways completed during the year.

During the year there were several snow storms heavy enough to necessitate plowing. The heaviest of these was that of February 14 — the now famous Valentine Day blizzard — amounting to 18 inches. This storm was followed by another on February 19 amounting to 13 inches and both of them were cleared up in a very satisfactory manner.

In closing this report, I must express my appreciation of the assistance of His Honor the Mayor, the City Council and the various other Department heads, without whose whole-hearted

co-operation the success of the year's work could not have been accomplished.

Let me also publicly thank the workers throughout the Department for their share in the year's work generally.

Respectfully submitted,

JAMES F. MAHONEY,
Superintendent of Streets.

FORTY-EIGHTH ANNUAL REPORT
OF THE BOARD OF PARK COMMISSIONERS

January 1, 1941

To the Mayor and City Council:

The Board of Park Commissioners respectfully submits its forty-eighth report. For detailed information concerning the work of the Department and the condition of the property entrusted to it, we refer to the reports of the Superintendent, Mr. Stephen H. Mahoney, attached herewith.

Respectfully submitted,

JOHN A. SPENCER, *Chairman*,
JOHN J. McBRIDE,
JOSEPH GUINEY,
CARROLL W. DOTEN,
MICHAEL F. SCANNELL,
JESSIE W. BROOKS,
JEREMIAH J. COUGHLAN,
MAURICE M. CORKERY,
SAMUEL W. PILL,

Board of Park Commissioners.

REPORT OF GENERAL SUPERINTENDENT OF PARKS

To the Board of Park Commissioners:

I submit herewith the annual report of the Department for the year ending December 31, 1940. The report contains an account of the accomplishments of the past year, a statement of the condition of the departmental property and certain recommendations for consideration by the Board.

WORKS PROJECTS ADMINISTRATION

Work was continued during 1940 on the following projects, which had been previously started: Boardman Recreation Center, Golf Club House, surfacing Cambridge Field, trimming, planting and removal of shade trees, census and survey of shade trees.

Other projects operated during the year were: construction of concrete bleachers at Rindge Field, scouting for gypsy and brown-tail moth nests, minor improvements at the golf course.

In the latter part of 1940, notice was received that the Federal Government had approved a new city-wide project for the improvement of park and recreation property. Because municipal funds were not available to purchase the materials for these improvements, no progress has been made on this large project. If funds can be procured in the coming year, some of the work on this project can be undertaken and a number of the improvements hereinafter recommended can be made.

NATIONAL YOUTH ADMINISTRATION

Valuable assistance was rendered by the local unit of the National Youth Administration in assigning small groups of young men to the Department during the year. Working under the direction of regular departmental employees, these young men were helpful in the preparation annually required for the recreational uses of our property. They repaired swings, prepared skating rinks, repaired toboggan slides, worked and graded athletic fields and tennis courts, and performed other similar tasks.

VANDALISM

Before reporting on the condition of the various activities and properties of the Department, I deem it necessary to bring

to the attention of the Board the mounting examples of willful destruction of property. While it is difficult to appraise accurately the property loss involved, it undoubtedly costs the city hundreds of dollars annually either in depreciation of the value of property and equipment or in the replacement of it. Most of the damage is of such a nature that it cannot be ascribed to boyish pranks inasmuch as it would require mature strength and heavy implements to demolish settees made of reinforced concrete, to twist and break window grilles, to pull down gutters and conductors, to cut down goal posts of three-inch pipe, to knock over drinking fountains and to damage and destroy many other kinds of city property.

Because of the seriousness of the situation, I recommend to the Board that some definite steps be taken to check this vandalism. Such a step will involve co-operation from the Police Department, the schools and the community as a whole. I regard the matter as of such serious consequence that I feel that we shall be delinquent in our duty to the public and to the offenders themselves if we permit such conduct to make any further progress.

CAMBRIDGE COMMON

Despite the maintenance given this department plot, certain major improvements are needed at the Common. The grass plots should be re-seeded and many of the walks should be repaired. In previous reports I have called attention to the very poor condition of the ornamental fence around the soldiers' monument. The monument should be cleaned and re-pointed. All of these improvements could be made under the authority given to the new WPA project referred to in a previous section of this report.

LONGFELLOW PARK

The Forestry Division of the Department thoroughly pruned and trimmed the trees on the park, removed the decayed trees and planted new ones. The lawns, shrubs and walks were cared for by the regular caretaker.

PUBLIC LIBRARY GROUNDS

These grounds were in better condition in 1940 than in the few previous years, due to the improvements which have been made. The greatest obstacle to maintaining good appearance

of the grounds is the persistent use of the grass areas and the damage done to trees and shrubs.

EDWARD J. SENNOTT PARK

Extensive improvements will be required to restore this area to proper condition. A new ornamental fence should be erected on the Broadway and Norfolk Street sides. The lawns are in need of restoration and the shrubbery should be renewed.

Because of the lack of large play areas in this section of the city, I am of the opinion that one or two tennis courts and a wading pool might be included in the rearrangement of this area, without detracting from its value as a park. A new flag pole should be erected to replace the large pole which was removed during the past year because it was unsafe.

OTHER PARK AREAS

The fence at **Dana Square** should be replaced in the near future if the grounds are to be properly protected.

Hastings Square should also be enclosed for experience has shown that it is difficult to maintain proper condition of the grounds while a fence is lacking.

Winthrop Square likewise will require extensive fence repairs in the near future.

Fort Washington, due to the lack of a permanent caretaker, can only be given occasional attention. It is difficult to maintain this historic area while children make use of it for play purposes. A new flag pole should be erected to replace the one removed during the year because of its unsafe condition.

RUSSELL FIELD

Each succeeding year of use increases the need for extensive improvements at the field. The bleachers are in such condition that they cannot be used much longer without danger being involved. The running track, the field surface and the field house should be completely renovated.

ATHLETIC FIELDS

Rindge Field

New concrete bleachers, obtained through a WPA project now nearing completion, have greatly improved the appearance

and the usefulness of this field. The recreation building requires minor improvements.

Cambridge Field

After being closed for two seasons for improvements, it is the intention of the Department to open this field in the spring of 1941.

A new boiler and an oil burner were installed late in the year in the field building. The building should be renovated and enlarged to provide greater facilities for this populous section of the community. A new flag pole should be erected to replace the one destroyed by lightning during the past summer.

Russell E. Hoyt Playground

The recreation building needs extensive repairs. Early attention to present defects will obviate greater expenditures in the future.

John J. Ahern Playground

This playground, due to the improvements made in 1939, was one of the most active fields in the city during the past year. A small field house for the accommodation of the patrons is most desirable.

Rev. P. H. Callanan Playground

This large area should be graded and surfaced. Even if other improvements are deferred, the improved surface will provide more baseball, softball, football, soccer and playground space. The growth of municipal leagues in recent years has resulted in a lack of space for the scheduling of contests.

Fresh Pond Playground

A new arrangement of this playground, which provides for re-locating the baseball field, constructing tennis courts and a wading pool, and the erection of a fence along Huron Avenue, has been prepared. The lack of municipal funds for a WPA project has delayed the execution of the plan.

Timothy F. Corcoran Playground

Although this playground is one of the most widely used areas in the city, there are no toilet facilities or opportunity for storing supplies or equipment. I therefore recommend the erection of a small field house at this location.

SMALL PLAYGROUNDS

While the cost of maintenance at most of the smaller play areas is relatively low, certain expenditures should be made periodically in order to preserve both the appearance and the usefulness of the property. At the present time, the re-conditioning of the fences which enclose the playgrounds is an urgent need. The playgrounds at Fletcher School, Peabody School, Morse School, Wellington School and Sleeper School require early attention in this regard. Norfolk Street Playground is in good condition. Corporal Burns Playground is in good condition, but the building should be repaired. The playground at St. Mary's Road lacks equipment.

GOLF COURSE

The patronage at the golf course during 1940 fell off from that of the previous year. The unsightly appearance and poor condition of the course during the spring months was a large factor in this decrease in use. The course showed the effect of the excavation for the new sewer line which was laid during the previous winter, the first and fourth fairways being particularly affected.

The new Edwin H. Hall Recreation Center building which is to serve primarily as a club house for the golf course is rapidly nearing completion and should be available for the opening of the 1941 golf season. Funds for furnishing and equipping the building will have to be provided early in the coming year. The temporary club house should be removed and the grounds in front of the new building should be beautified. A WPA project for this purpose has been submitted and, if approved, will require an appropriation for the materials involved.

The other outstanding desirable improvement at the course is the grading and surfacing of the fifth fairway.

FORESTRY AND MOTH WORK

At the close of the year 1940 the public shade trees are in good condition. Practically all of the dangerous trees in the city have been removed and the necessary pruning and cavity work has been done. In performing this work the men of the Forestry Division have been aided by the personnel of a WPA project. Two hundred Norway maple trees and five American elm trees were planted on the public streets and parks during the spring.

During February and March an inspection of public trees and the trees on private estates was made for the purpose of eliminating nests of brown-tail and gypsy moths. This inspection was made by the personnel of a WPA project. No brown-tail moth nests were discovered and the amount of gypsy moth nests was relatively small.

A rather serious infestation by the elm-leaf beetle occurred in the city during 1940. This infestation was common to practically all of New England. The oriental moth situation seemed somewhat better during the past year, although the damage wrought by the oriental moth is still heavy in this section. The lack of additional spraying equipment at the peak of the infestation is a handicap in effectively coping with these pests.

SCHOOL BATHS

The public shower baths at the Thorndike, Roberts, Fletcher and Haggerty school buildings have been operated throughout the year on schedules arranged for the respective districts. Although the baths are still being operated, the equipment is in great need of repair or replacement. I desire to call to the attention of the Board the difficulty involved in taking care of this situation inasmuch as the baths are located on premises of the School Department and no allowance has been made for the purpose in the finances of the Park Department.

SHOP FACILITIES

I deem it necessary to call again to the attention of the Board the conditions which prevail at the departmental shop and storage building at Raymond Street. The structure now in use is in very poor condition throughout and should be replaced immediately. For years, despite the steady increase in the work of the Department, the facilities have been inadequate. The present quarters are without light, water or proper heating equipment, and sections of the building cannot be safeguarded against weather conditions or possible theft of equipment.

I urge the Board to take the necessary steps to provide new quarters which will include shop, storage and garage facilities. I suggest that a part of the abandoned city stables, located on the same lot, be obtained by the Department and put in condition for such use.

CONCLUSION

The scope of the work entrusted to the Park Department has become wider with each succeeding year. The maintenance of new facilities such as additional playgrounds, buildings, tennis courts and pools, many of which have been acquired through Federal projects, entails a corresponding extension of the efforts of the personnel of the Department as well as increased expenditures for equipment and supplies. I call attention to the fact that despite this wider scope of work, the expenditures for maintenance and personnel have remained at the same level as during the period before such extension occurred.

A further extension of the scope of the Department's activity has gradually occurred as a result of assuming care of plots which have been set aside in street areas for traffic betterment. The care of these plots has necessitated a wider distribution of labor and supervision, and more extensive use of tools and equipment. If further additions to the present list of units cared for by the Department should occur, and no provision is made for such extension, the efficiency of maintaining departmental property will be impaired.

In closing my report for the year 1940, I desire to express my appreciation for the co-operation received from the Board of Park Commissioners and to commend the employees of the Department who have assisted me in performing the duties of my office. I also acknowledge the co-operation received from the heads of other municipal departments during the year.

FINANCIAL STATEMENT
January 1, 1940 through December 31, 1940
MAINTENANCE, GENERAL

Personal Service	
Administrative salaries	\$1,916 00
Permanent employees	53,874 00
	\$55,790 00
Service other than Personal	
Printing and binding annual report	\$24 90
Postage, and stamped envelopes	25 00
Express charges	6 75
Advertising	2 54
Lighting shelters	401 35
Lighting playgrounds and parks	1,029 23
Rental water cooler	48 00
Telephone service	204 48
Repairs, automobile	119 23
Care of injured employees	86 00
Extermination of pests, at shelters	22 50
Inspection of boilers by State	15 00
Service not otherwise coded	424 77
Laundering towels	271 16
	\$2,680 91
Equipment	
Furniture, Boardman Recreation Center	\$1,977 04
Pipe for goal posts	22 50
Water heaters, copper boiler, Russell and Rindge Shelters	656 50
	\$2,655 04
Supplies	
Office	\$171 40
Fuel, shelter buildings	3,944 13
Cleaning	198 74
Recreational	39 75
Gasoline and oil	257 65
Chemicals and disinfectants	68 00
Supplies not otherwise coded	1,071 04
Parts, automobile	156 72
New towels	125 18
	\$6,032 61
Highway Materials	
Oil for laying dust, playgrounds	\$201 88
Special Items	
New heater, Cambridge Field Shelter	\$1,500 00
WPA Projects	
Public Library grounds	\$81 00
Trimming trees, filling cavities, etc.	1,190 68
Renovation Boardman School for center	1,065 98
Architect's fees, Golf Club House	800 00
Architect's fees, Cambridge Field Building	1,803 96
Cambridge Field improvements	392 60
Erection Golf Club House	5,912 66
Tree census	17 16
	\$11,264 04

MAINTENANCE, FORESTRY

Personal Service	
Permanent employees	\$18,399 38

Service other than Personal

Advertising in newspapers, extermination, moths.....	\$2 70
Postage.....	4 50
Express charges.....	50
Automobile repairs.....	79 75
Service other than personal.....	13 21
Repairing spraying machine.....	21 00
	\$121 66

Supplies

Office.....	\$8 85
Gasoline and oil.....	120 63
Chemicals.....	155 67
Supplies not otherwise coded.....	174 72
Parts, automobile.....	100 41
	\$560 28

MAINTENANCE, GOLF COURSE**Personal Service**

Permanent employees.....	\$5,664 00
Temporary employees.....	3,487 00
	\$9,151 00

Service other than Personal

Express charges.....	\$1 20
Lighting shelter.....	25 75
Telephone service.....	48 31
Repairs, tractor and mowers.....	53 75
Service not otherwise coded.....	41 50
	\$170 51

Equipment

New mower.....	\$270 00
----------------	----------

Supplies

Office.....	\$67 35
Cleaning.....	11 66
Agricultural.....	180 00
Gasoline and oil.....	129 57
Supplies not otherwise coded.....	178 32
Parts, automobile.....	88.96
	\$655 86

MAINTENANCE, SCHOOL BATHS**Personal Service**

Permanent employees (school employees).....	\$3,807 50
---	------------

Service other than Personal

Express charges.....	\$1 90
Laundering towels.....	262 12
	\$264 02

Supplies

Cleaning.....	\$158 26
New towels.....	120 90
	\$279 16

Respectfully submitted,

STEPHEN H. MAHONEY,
General Superintendent of Parks.

REPORT OF THE SUPERINTENDENT OF RECREATION

To the Board of Park Commissioners:

I respectfully submit the annual report of the Recreation Division for the year ending December 31, 1940. This report is the eighteenth report which it has been my privilege to submit.

Due to the additional facilities which have been acquired during the past few years through the medium of the Works Progress Administration, it has been possible to furnish improved recreational service during the past year. The tennis courts, wading pools, bleachers and better playground surfaces have all provided opportunity for wider and more satisfactory use of the outdoor areas. The new center at the Boardman building will also be an asset to the development of the indoor recreational program.

RECREATION UNITS

Previous to the economic depression of 1929, the Board of Park Commissioners had been striving to set up recreational units in several sections of the community. These units, which would provide year-round facilities, would enable the Department to operate its program in a balanced manner under a permanent staff of directors. The units which were acquired under this plan were those at Russell E. Hoyt Field, Rindge Field and Corporal Burns Playground. I desire at this time to recommend to the Board a revival of the effort to acquire gradually similar units in other sections of the city. During the past few years the Superintendent has endeavored to obtain facilities at Cambridge Field which would provide such a unit for the lower section of the city. Due to a number of difficulties which have arisen, there is no immediate prospect of such facilities being available in the near future.

INDOOR FACILITIES

The trend of community recreation progress is toward opportunity for group participation for all classes in social, aesthetic and athletic activities. The changes in community life during the past quarter of a century have necessitated a changed recreational program. In a city such as Cambridge there has been an intensive increase in multiple dwellings and a great increase in the amount of available open space for play. Traffic dangers and other

factors have contributed to the need for concentrated recreation units, while the decided change in family life and customs has made it imperative that social progress be provided in community groups. This latter need involves indoor facilities which can be obtained only by furnishing recreation buildings or by utilizing space in school buildings at times when schools are not used for educational purposes. I recommend that the Board consider a plan for a wider use of school buildings for recreational activities. This plan would undoubtedly call for conferences with the School Committee to determine procedure, costs and other features of such a plan.

GROUP ORGANIZATION

The trend toward group participation which has been mentioned above has been met in Cambridge in the past few years by encouraging the organization of groups of individuals into self-conducting units. Such organization, in addition to simplifying the means of program participation, also affords the group the benefits of self-leadership, social contacts and experience in community coöperation. An outstanding illustration of such group organization is available in the leagues which the Department sponsors in athletics. At the time of submitting this report there are more than one hundred basketball teams playing in municipal or house leagues. Last spring and summer there were sixty adult teams involved in the baseball and softball leagues, and the same number of teams played in the boys' and girls' playground leagues. The efforts of such group participation are manifest not only in the mechanics of schedules and league standings, but in the contacts made at league meetings where rules for the conduct of the games are formulated, protested games acted upon and all matters conducive to self-government are discussed.

PLAYGROUNDS

The following grounds were under supervision in 1940: Rindge Field, Cambridge Field, Russell E. Hoyt Field, John J. Ahern Playground, Fresh Pond Playground, Rev. P. H. Callanan Playground, Timothy F. Corcoran Playground, Outer Russell Field, Cambridge Common, Corporal Burns Playground, Lowell School Playground, Morse School Playground, Peabody School Playground, Edward J. Sennott Park, Wellington School Play-

ground, Fletcher School Playground, Norfolk Street Playground, High School Playground, Mothers' Rest (Amory Street) and Granite Street Playground.

As in past years, most of these grounds were supervised during the entire summer season and after school hours during the spring and fall. Saturday, Sunday and twilight supervision was maintained on the athletic fields. The program of activities comprised a variety of organized group games and athletic contests, dancing, dramatics and handcraft. Interplayground contests were conducted on regular schedules arranged by the Department.

At the close of the summer season a pageant was given by the children from the twenty municipal playgrounds. The program which was of a patriotic character depicted the manner in which the United States has welcomed people from all lands, and how, when Democracy and Liberty are threatened, these various groups unite to defend the country against such assaults. The properties and costumes essential to the production were made by the playground children as part of the handwork program on the playgrounds.

RECREATION CENTERS

Indoor activities were offered for persons over sixteen years of age on five evenings each week from November to March, inclusive, at the Russell E. Hoyt, Rindge Field and Corporal Burns buildings. The Russell, Thorndike and Roberts Schools were used for similar programs three evenings each week for the same period.

The three playground buildings were also supervised for day-time patronage by children and unemployed youths.

BATHING BEACHES AND WADING POOLS

At the beginning of the summer season lifeguards were provided at Gerry's Landing, Jerry's Pit and the Broad Canal. Shortly after the bathing season began, the new owner of the property on which Jerry's Pit is located placed a ban on the use of the pond for public bathing. The other places were supervised for the entire season, but the conditions under which they were operated were far from satisfactory.

After a long period during which the Department has

requested the Metropolitan District Commission to provide improved bathing accommodations at Gerry's Landing, the Superintendent of Recreation was notified during the past year that the Commission plans to erect a modern bathhouse at this location before the bathing season of 1941. This action on the part of the Commission should prove to be a welcome addition to the city's facilities for bathing.

The Broad Canal location is, in my opinion, a poor place for bathing and, unless extensive improvements can be provided, should be discontinued. It appears evident that if Jerry's Pit is to be available for community use, it will be necessary to place it under the control of the city and make the improvements necessary for its proper and safe use.

GARDENS

Supervision of back-yard gardens was again included in the department of the Recreation Division. Under the direction of a supervisor delegated for the purpose, more than four hundred children planted and cared for gardens on home plots throughout the city. The seeds for the gardens were provided as in former years by the Cambridge League of Women Voters, and the children were permitted to enroll for the garden program in their respective schools through the courtesy of the School Committee and the pastors in charge of the parochial schools. Child gardeners from Cambridge received a total of thirty-one prizes at the annual exhibit of the Massachusetts Horticultural Society at the end of the season. In addition, the Helen Cabot Almy prizes were awarded to the children who were chosen as winners in the local garden competition.

WINTER SPORTS

Nine areas were maintained for public skating during the winter of 1940. Because of some improved equipment for spraying the ice, the skating conditions were improved over previous years. The twin slides at Fresh Pond Playground were well patronized by tobogganists at all times when the conditions were favorable for coasting. The slopes about the golf course are being used more each year by skiing patrons and the pond on the course is also popular for skating.

FEDERAL ASSISTANCE

A Works Progress Administration unit served as a valuable aid in providing additional supervision and supplementing the work of the municipal staff. This project, which was a continuation of the one in operation the previous season, and the project for recreation service among the colored population, were both sponsored by the Recreation Division of the Park Department.

Periodic assistance was also received from the National Youth Administration in the assignment of younger leaders for the recreational activities.

GENERAL

A series of eight band concerts was provided at Cambridge Common on Friday evenings during July and August. The concerts were given by the Medford unit of the Federal Music Project under the authority of the Works Progress Administration. This band also provided the music for the playground pageant at Russell Field on August 27.

In addition to providing facilities for activities conducted by the Department, similar co-operation was afforded the Catholic Youth Organization program in the form of arranging schedules and provision of courts and diamonds for the playing of contests.

The Department also organized and scheduled contests in softball and basketball for the Cambridge Industrial League composed of teams from a number of local industries.

Co-operation was extended the Public School Athletic League in provisions for practice and games in baseball, soccer and basketball.

The annual athletic games of the Cambridge Central Labor Union, conducted at Cambridge Field on Labor Day, were under the supervision of members of the staff of the Recreation Division.

The Department worked in conjunction with the Boy Scouts and Girl Scouts in activities provided by those organizations.

One of the interesting events of the year was a banquet sponsored by the several teams in the Municipal Baseball Leagues. This affair was well attended and the participants were entertained by a number of persons prominent in professional sports.

Participation in the game of tennis increased considerably during the past year. The new courts at Cambridge Field were in constant use. Local tennis tournaments were conducted at

Rindge Field, Russell E. Hoyt Field, Corporal Burns Playground and Cambridge Field.

The Department was again the agency in Cambridge for membership in the National League Knot Hole Gang, which membership permits boys from the municipal playgrounds to obtain season passes to the professional games for a nominal price.

Acknowledgment is gratefully given to the Kiwanis Club in Cambridge which provided for the fourth successive year the awards given to the winning teams in the several playground leagues, and to the winners of the singles and doubles tournaments in paddle tennis.

Acknowledgment is also made of the generosity of the Hoyt Pals Athletic Club in providing awards for the members of the winning team in the Municipal Basket Ball League. These awards were made in memory of the late George Fields who for many years had contact with the Recreation Division as an organizer of athletic activities for young men.

As in former years, the permits for use of the several areas and courts for the playing of athletic games were issued from the office of the Department.

In the course of the year numerous requests were received for information as to programs and for assistance in providing equipment and facilities. These requests which came both from individuals and from organized agencies were readily granted whenever it was possible to do so.

RECOMMENDATIONS

I regard the following as the most urgent needs of the Department:

Budget provision for providing wider supervision for women's and girls' activities.

Building facilities for indoor recreation at Cambridge Field.

Completion of the Rev. P. H. Callanan Playground.

Improvement of the Fresh Pond Playground.

Wider use of school buildings for recreation.

Erection of small shelter buildings at John J. Ahern Playground and Timothy F. Corcoran Playground.

Acquiring by the city of Jerry's Pit and its improvement as a bathing place.

Requesting the Metropolitan District Commission to improve the area near Magazine Beach to enable its wider use as a playground and athletic field.

FINANCIAL STATEMENT

January 1, 1940, to December 31, 1940

Personal Service

Administrative salaries.....	\$5,848 00
Permanent supervision.....	11,704 00
Part-time supervision.....	13,380 99
Total.....	\$30,932 99

Service other than Personal

Postage.....	\$23 00
Rentals.....	208 00
Motor vehicle repairs and care.....	42 25
Service not otherwise coded.....	20 05
Expenses of Superintendent to Recreation Convention.....	78 90
Total.....	\$372 20

Supplies

Office.....	\$142 84
Medical.....	17 91
Educational and recreational.....	1,081 78
Gas and oil.....	63 45
Supplies not otherwise coded.....	23 02
Motor vehicle parts.....	49 40
Total.....	\$1,378 40

Special

Colored recreation project (WPA).....	\$218 80
---------------------------------------	----------

Respectfully submitted,

STEPHEN H. MAHONEY,
Superintendent of Recreation.

January 1, 1941.

REPORT OF THE POLICE DEPARTMENT

CAMBRIDGE, MASSACHUSETTS

January 1, 1941.

To His Honor the Mayor and the City Council:

In compliance with the City Ordinance I have the honor to submit the annual report of the Police Department for the year ending December 31, 1940.

JUVENILE AID BUREAU

The bureau received 931 complaints from the uniformed force of the Department, consisting of breaking and entering, larceny, breaking windows, destruction of property, stealing rides on street cars, stubborn children, assault and battery, larceny of bicycles, and other minor offenses.

During the year 135 juveniles were brought before the Juvenile Court and 94 adults were brought before the Criminal Court. As a result of the investigation and examination of certain persons, about 150 cases came to our attention which were either prosecuted or disposed of by this bureau.

This makes a total of 1175 cases handled by this bureau. Stolen property and money amounting to \$921.26 was recovered and returned to the owners by this bureau. Property damaged to the extent of \$202.30 was adjusted and the owners reimbursed through the efforts of this bureau. This included broken windows and other property damage by juveniles.

The Probation Department of the Third District Court has rendered valuable aid to this bureau, particularly Miss Stone, who has charge of girls up to 17 years of age, and boys up to age of 12 years, and Mr. DeNatale, who has charge of all boys from 12 years of age to 17 years of age. They have handled many cases informally, of certain children who have committed certain offenses, sometimes serious, but it was evident that these children were mentally incapacitated, therefore not brought before our Juvenile Court. This method consisted of physical and mental examinations which ascertained the cause of the actions and habits of such children. Consequently, corrective suggestions and

methods were adopted and proper care was secured for the welfare of the children.

This bureau found the various social agencies and fraternal organizations very coöperative when requested for assistance. We also received valuable aid from the clergy of the different churches of our city. His Honor the Mayor and the Chief of Police have coöperated to such an extent that they have made it possible for the success of this bureau.

Among the many causes of juvenile delinquency, this bureau found the principal causes to be the failure of the parents to exercise and maintain proper supervision over the children, and also the bad influence present in the home caused by neglect, certain vices, and misconduct of the parents.

JUVENILES ARRESTED AND PROSECUTED

<i>Offense</i>	<i>Male</i>	<i>Female</i>
Annoying and accosting persons of the opposite sex	1	
Assault and battery	3	
Assault and battery with a dangerous weapon	3	
Assault and battery, indecent	1	
Attempt to rescue a prisoner	1	
Automobile, larceny of	2	
Automobile, leaving scene after causing injury to person	1	
Automobile, misappropriation of	4	
Automobile, operation without a license	2	1
Bicycle, larceny of	9	
Bicycle, larceny of, second offense	2	
Breaking and entering and larceny (daytime)	7	
Breaking and entering and larceny (nighttime)	21	
Habitual absentee from school	3	
Having obscene literature in possession	1	
Having a revolver in possession	1	
Larceny	22	2
Lewdness	3	5
Making counterfeit coins	2	
Malicious destruction of school property	3	
Malicious injury to personal property	1	
Neglected children	17	15
Receiver of stolen property	1	
Robbery (unarmed)	1	
Runaway	8	2
Stealing ride on bus	1	
Stubborn child	9	8
Trespass of railroad property	1	
Violation of the curfew law	1	
Violation of school rules	1	
Wayward child		1

Ten of the above delinquents are residents of outside cities and towns. Disposition of the above was as follows: Nine boys committed to Shirley Industrial School. Five boys committed

to the Lyman School. Four girls committed to Lancaster Industrial School. Five boys sentenced to Lyman School suspended. Three girls sentenced to Lancaster suspended. One boy committed to Monson State Hospital. Placed on probation, 73 boys and girls. Placed under the care of Massachusetts Department Public Welfare Division of Child Guidance, 12 neglected children and six delinquent children.

ADULTS ARRESTED AND PROSECUTED

<i>Offense</i>	<i>Male</i>	<i>Female</i>
Abduction	1	
Accessory after the fact (breaking and entering)	1	
Adultery	4	
Assault and battery	1	
Bastardy	1	
Breaking and entering	2	
Breaking and entering and larceny (daytime)	1	
Carnal abuse (involving minor children)	6	
Disorderly house		1
Disturbance of the peace		1
Drunk	5	1
Employing minor to peddle without license	1	
Fornication	3	4
Idle and disorderly person	6	
Indecent assault	10	
Larceny	5	2
Lewdness	2	2
Lewd and lascivious cohabitation	5	2
Malicious destruction of school property	1	
Neglect of minor children	5	13
Obscene pictures in possession	1	
Polygamy	1	
Receiver of stolen property	2	
Setting up and promoting a lottery	1	
Sodomy	1	
Soliciting	5	
Totals	67	27

THOMAS J. STOKES,
Lieutenant in Charge.

MATRONS' REPORT

Accosting opposite sex	1	Lewdness	1
Adultery	21	Neglect of children	2
Auto, operating so as to endanger	11	Robbery, unarmed	3
Auto, operating under influence of liquor	23	Runaway	4
Auto, operating after suspension of license	11	Safekeeping	3
Disturbing the peace	32	Stubborn child	2
Drunkenness	203	Suspicion	3
Escaped prisoner	1	Trespassing	2
Fornication	4	Violation of probation	5
Ill fame, house of	1	Vagrant	1
Larceny	11	Warrant, default	1
Larceny, attempt	2		
		Total	348

MARY A. BARROW,
ISABELLA A. DONELAN,
Matrons.

BUREAU OF CRIMINAL INVESTIGATION

AUTOMOBILE SQUAD

Cars stolen in Cambridge	410
Cars stolen in Cambridge and recovered in Cambridge	233
Cars stolen in Cambridge and recovered in other cities	174
Cars stolen in Cambridge and not recovered	2
One car has been recovered this year, 1941	1
Cars stolen in other cities and recovered in Cambridge	229
Value of cars recovered in Cambridge, stolen outside	\$251,900 00
Value of cars stolen in Cambridge	293,153 00
Number of cars transferred	19,796
Number of investigations made	42
Number of arrests made	16

DOMESTIC RELATIONS

Non-support cases	140
Violation of probation	93
Bastardy	45
Drunkenness	10
Assault and battery	9
Larceny	3
Failing to perform contract	2
Polygamy	1
Incest	1
Violation of the labor law	2
Stubbornness	2
Total	380

Persons arrested during the year, 200 are on probation. Included in the total arrests are 25 for outside cities, and seven for other States.

To bring back offenders, have made 11 trips outside of State.

New York City	6.
Plattsburg, New York	1
Providence, Rhode Island	2.
Manchester, New Hampshire	1
Newport, Rhode Island	1

Ninety trips made to cities and towns in the State. Two hundred and sixty-five cases have been investigated in which the domestic difficulties were adjusted without court action. There are 57 men who through the efforts of this division are contributing to the support of their dependents.

CLAIMS

Accidents investigated	146.
Claims investigated	66
Applicants for charter coöperations	89
Pictures and measurements taken	76.
Sign permits and bonds investigated	70
Jurors investigated	51
Special investigations	10.

BUREAU OF IDENTIFICATION

Investigations	305
Fingerprints of applicants for taxi driver's license	64
Fingerprints of prisoners taken	294
Copies of fingerprints sent to Public Safety Department	294
Copies of fingerprints sent to the F. B. I.	294
Prisoners photographed	294
Photographs of prisoners sent to Public Safety Department	294
Fingerprints taken for Federal Radio Communication Bureau	46
Fingerprints for personal identification for F. B. I.	35
Investigations for the F. B. I.	30
Fingerprints taken for various branches of the United States Government	50.
Property recovered	\$1,146 00.
Arrests made	30

PAWNS

Visits made to pawn shops in Cambridge and Boston	1,460.
Investigation made	390.
Arrests made	16.
Value of property recovered	\$13,074 75

MISSING PERSONS

Number of persons reported missing	191
Number of missing persons found	188
Number of persons still missing	3

RECAPITULATION

Total number of investigations made	3,263
Total money and property recovered	\$24,220 75
Total number of arrests made	503.

Respectfully submitted.

JOHN J. CANNEY,
Chief Inspector.

PENSIONERS

Patrolman Arthur F. Coffey was appointed February 6, 1927, and was pensioned August 7, 1940.

Patrolman John W. Roberts was appointed February 6, 1900, and was pensioned August 28, 1940.

Patrolman Leo D. Dynan was appointed April 1, 1915 and was pensioned October 24, 1940.

REPORT OF TRAFFIC DIVISION

Operating at unreasonable rate of speed	615
Operating without license	19
Operating under influence of intoxicating liquor	26
Operating so as to endanger lives and safety	128
Operating uninspected car	394
Operating after suspension of license	2
Operating uninsured automobile	7
Operating after revocation of license	1
Operating without authority	4
Operating unregistered automobile	1
Operating without license on person	2
Operating without registration on person	1
Operating on left side of road	15
Operating to the left of safety island	7
Operating to left of street car	16
Parking overtime (nights)	524
Parking overtime (days)	65
Parking restricted area	113
Parking double	39
Parking within 20 feet of intersection	38
Parking within 10 feet of hydrant	30
Parking violation (fire hazard)	4
Parking more than 12 inches from curb	16
Parking wrong side of street	1
Parking in safety zone	2
Parking at angle	5
Failed to stop at red light	57
Failed to slow down at intersection	79
Failed to stop at through-way sign	28
Failed to stop on officer's signal	1
Failed to grant right of way	3
Allowing improper person to operate automobile	2
Allowing person to operate uninsured automobile	2
Leaving scene of accident	27
Wrong way on one way street	2
Using profane language	2
Contempt of court	1
Disturbance of the peace	1
Refusing to move along when requested to do so by an officer	1
Refusing to show license	1
Drunkenness	35
Larceny by check	1
Robbery (arrested for Haverhill police)	1
Manslaughter	1
Assault and battery with dangerous weapon	2
Neglect of minor children	1
Larceny	4
Total	2,279

NON-CRIMINAL SUMMONS

Parking wrong side of street.....	74
Parking in restricted area.....	1,969
Parking overtime (nights).....	4,978
Parking overtime (days).....	1,335
Parking within 20 feet of intersection.....	657
Parking more than 12 inches away from curb.....	407
Parking within 10 feet of hydrant.....	327
Parking double.....	744
Parking violation of fire laws.....	76
Parking within safety zone.....	39
Parking at angle.....	29
Total.....	10,635
Fines paid to District Court on non-criminal summons.....	\$2,491 00
Fines paid on criminal arrests.....	7,920 00
Fines suspended.....	605 00
Sentences to the House of Correction three and one-half years	
Sentences to the House of Correction suspended three years	
Licenses recommended for suspension.....	509

Respectfully submitted,

CHARLES E. MALLAHAN,
Lieutenant in charge.

REPORT OF POLICEWOMAN

Cases investigated on account of complaints to police	142
Cases investigated on account of complaints to policewoman	289
Calls at homes in interest of women and children	206
Calls at homes for follow-up work	129
Visits to dance halls	20
Visits to theatres	14
Visits to shopss	209
Number of times assisted City Physician	25
Number of times hospital cases	4
Number of clinic cases	14
Number of psychopathic cases	8
Cases referred to other agencies	10
Larceny cases	7
Shoplifters warned (adults)	14
Shoplifters warned (children)	16
Wives reporting trouble with husbands	15
Husbands reporting trouble with wives	21
Questionable persons investigated	219
Questionable persons warned	120
Questionable houses investigated	6
Girls on streets warned regarding general behavior	162
Girls on streets warned regarding soliciting automobile rides	26
Men in automobiles warned regarding accosting women	120
Children on streets warned regarding curfew law	19
Boys warned regarding begging outside theatres	8
Girls warned regarding begging outside theatres	1
Girls warned regarding selling on streets (under age)	3
Girls warned regarding age limit in dance halls	2
Missing persons reported	22
Missing persons found	17
Indecent assault cases	20
Attempted rape cases	7
Rape cases	24
Illegitimacy cases	73
Arrests	53
Prisoners brought back from outside the State	5
Positions obtained for unemployed persons	4

Respectfully submitted,

J. EDITH TAYLOR,
Policewoman.

REPORT OF SAFETY OFFICER

Schools visited (public)	24
Children instructed (public)	14,495
Children instructed (parochial)	6,370
Schools visited (parochial)	11
Schools visited (private)	4
Children instructed (private)	454
Boys apprehended stealing rides on busses, trackless trolleys	312
Boys warned about standing in roadways thumbing rides	574
Personal talks at homes in the interest of children	117

Annually the Kiwanis Club of Cambridge donates a cup to the best school safety patrol. The past year the Wellington School was adjudged the winner. The cup was presented the school safety patrol boys by Mayor John W. Lyons, on May 1, 1940, at the Central Square Theatre.

Through the courtesy of Mr. Maurice Corkery, the manager, the safety patrol boys of all the different schools were invited to the presentation. An excellent program was enjoyed consisting of safety talks, moving pictures and refreshments.

Last spring an essay contest was conducted among all safety patrol boys of Cambridge schools. The two winners enjoyed a trip to Washington, D. C. James Bresnahan, of Saint Peter's School, was the first choice; Edward Connelly, of the Haggerty School, second choice. The trip was made possible through the courtesy of Mr. Thomas P. Fullam, of the Boston Automobile Club.

Dr. George Whoriskey, a member of the Mayor's committee on highway safety, gave considerable time to the contest. He also acted as a judge and was ably assisted by Mr. George Olesen and Thomas Kenney, of the High and Latin School faculty.

At this time I wish to thank Maurice Corkery, manager of the Central Square Theatre, for allowing the school safety patrol boys to attend his shows every week. Also, Stanley Sumner for his kindness in allowing the school safety patrol boys to attend his shows weekly at the University Theatre.

The Mayor's committee on highway safety met several times during the year and made many very excellent recommendations for the betterment of present conditions. In conclusion I wish to thank you for your coöperation and courtesy during the past year.

Respectfully submitted,

WALTER L. MAHER,
Safety Officer.

SALARIES AND GENERAL EXPENSES

For the Year Ending 1940

A-1	Salaries	\$467,930 73
B-1	Printing and binding	0 00
B-2	Postage stamps	250 00
B-3	Advertising	5 00
B-4	Transportation	22 05
B-5	Cartage and freight	0 00
B-8	Light and power	1,324 20
B-13	Communications	2,313 87
B-14	Motor vehicles, repair and care	96 50
B-29	Stenographic	7 50
B-35	Fees	4 00
B-39	Service not otherwise coded	32 85
B-44	Travel outside of State	250 00
C-4	Motor vehicles	871 93
C-9	Office	107 73
C-13	Tools and instruments	140 54
C-13a	Garage tools	16 89
C-16	Wearing apparel	2,734 75
C-18	Regalia	64 95
D-1	Office supplies	913 42
D-2	Food	115 30
D-8	Laundry	65 75
D-11	Gasoline and oil	3,839 11
D-16	Supplies not otherwise coded	380 59
D-17	Motor vehicle parts	1,694 82

MISCELLANEOUS REPORTS

Accidents	1,216	Defective wires	160
Autos stolen	397	Defective street signs	14
Autos stolen outside city, recovered	182	Defective streets and sidewalks	1,230
Bicycles found	58	Disturbances suppressed	177
Buildings found open	703	Dogs killed	68
Cases investigated	15,336	Fire alarms responded to	874
Dangerous buildings	18	Fires extinguished without alarms	16
Dangerous chimneys	1	Intoxicated helped home	4
Dead bodies found	80	Lost children restored	173
Defective catch basins	28	Persons reported missing	169
Defective drains and vaults	1	Persons restored	130
Defective bridges	1	Sick and injured persons assisted	2,177
Defective fire alarms and clocks	52	Stray autos put up	505
Defective gas pipes	12	Street obstructions removed	19
Defective water pipes	136	Stolen auto recovered	354
Defective hydrants	15		
Defective lamps	3,001		

NATURE OF OFFENSE

Offenses Against the Person

Assault, dangerous weapon....	11	Intimidation and threatening.	16
Assault and battery.....	118	Manslaughter.....	3
Assault and battery, dangerous weapon	5	Neglect minor children.....	7
Assault, indecent.....	16	Parent law, violation of.....	1
Assault on police officer.....	5	Rape.....	15
Child, abuse of female.....	8	Rape, assault to.....	5
Child, illegitimate.....	38	Robbery.....	2
Family, neglecting.....	4	Robbery, armed.....	16
Family, refusing to support...	261	Robbery, unarmed.....	18
Glass throwing in street.....	8	Robbery, attempt.....	2

Offenses Against Property With Violence

Breaking and entering dwelling (night).....	90	Breaking and entering (night), attempt.....	6
Breaking and entering (day)...	11	Breaking and entering (day), attempt.....	1
Breaking and entering building	2		

Offenses Against Property Without Violence

Automobile, using without authority.....	29	Larceny from person, attempt	2
Burglar tools, possession	6	Larceny, attempt.....	16
Conspiring to defraud.....	8	Larceny, automobile.....	33
Larceny (\$50 and over).....	34	Larceny, automobile, attempt .	1
Larceny (\$50 and under).....	196	Leased property, concealed...	3
Larceny from person (over \$50)	1	Mortgaged property, selling...	1
Larceny from person, (under \$50).....	1	Stolen goods, buying and receiv- ing.....	21
		Trespass.....	16

Malicious Offenses Against Property

Arson.....	2	Wilful damage and trespass...	17
Malicious mischief.....	14		

Offenses Against the Currency

Forgery and uttering	13
----------------------------	----

Offenses Against the License Laws

Dog law, violation of.....	9	Milk law, violation of.....	2
Liquor, unlawful sale of	3	Peddling without license.....	22
Liquor, unlawful keeping.....	3	Pistol, no license.....	3

Offenses Against Chastity, Morality, etc.

Adultery.....	22	Indecent exposure of person...	3
Blasphemy.....	29	Lewd and lascivious cohabita- tion.....	44
Disturbing the peace.....	84	Polygamy.....	1
Drunkenness.....	3,215	Profane language, using.....	8
Female, annoying.....	2	Sodomy.....	1
Fornication.....	9	Vagabond.....	5
Ill fame, keeping house of	4	Vagrants, tramps	18
Incest.....	1		

Offenses Not Included in the Foregoing

Automobile, operating under influence of liquor	180	Children, delinquent	4
Automobile, endangering public	167	Children, neglected	5
Automobile, operating after suspension	42	Children, stubborn	13
Automobile, operating after suspension of registration . . .	5	City ordinance, violation of . . .	28
Automobile, without license on person	23	Common nuisance, common liquor	1
Automobile, operating unregistered	13	Concealed weapons	2
Automobile, speed	53	Drug law, violation of	2
Automobile, operating without license	67	Fire alarm, false giving	6
Automobile, failed to slow down	506	Fish and game laws, violation of	1
Automobile, within eight feet of street car	5	Fugitive from justice	6
Automobile, causing injury to person	10	Gaming, being present at	16
Automobile, failed to stop at signal	5	Gaming, implements found	5
Automobile, improper equipment	692	Health law, violation of	3
Automobile, insurance violation of	12	Lottery	42
Automobile, violation parking laws	745	Parole, violation of	4
Bets, registering	1	Perjury	2
		Prisoner, escaped	1
		Prisoner, aiding to escape	1
		Probation, violation of	81
		Refused to pay fare	3
		Runaways	3
		Safe keeping	24
		Sunday law, violation of	14
		Suspicious persons	57
		Wages, non-payment of	13
		Weights and measures law	1

Value of property reported stolen	\$186,020	25
Value of property recovered	133,185	00
Value of property recovered for other police departments	80,750	00

Arrests by summons	1,987	Offenses against the currency . .	13
Arrests by warrants	666	Offenses against license laws . .	52
Insane person taken in charge . .	18	Offenses against chastity, etc . .	3,461
Malicious offenses against property	34	Offenses not included in the foregoing	2,869
Offenses against the person . . .	552	Search warrants served	11
Offenses against property with violence	110	Summons served for other departments	1,270
Offenses against property without violence	365	Witnesses detained	1

DISCIPLINARY ACTION

One patrolman suspended for a period of ninety days with loss of pay.
One patrolman dismissed from the Department. One patrolman reinstated.
Two reserve officers resigned in order to enter the Fire Department.

DEPARTMENT RECOGNITION

Commendation	10
Excellent Police Duty	5
Honorable Mention	3
Total	18

During the year we have been active in the field of education not only with the members of this Department, but with the motorist and children as well.

Through the courtesy of the Federal Bureau of Investigation, the officers attended a course of lectures on finger printing, ultra-violet ray and infrared light. Counterfeiting and other fabrications of false seals and instruments were very interesting subjects at the various lectures.

In addition to the above lectures a number of safety shows were conducted at the Elementary and High Schools, using sound films before 14,000 children. They were enthusiastically received and the principals requested the shows be continued in 1941.

Respectfully submitted,

TIMOTHY F. LEAHY,
Chief of Police.

REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE CEMETERY

Annual Report January 1, 1940 to December 31, 1940

To His Honor the Mayor and City Council:

I hereby submit to you the eighty-seventh annual report of the Superintendent of the Cambridge Cemetery, the same being for the period beginning January 1, 1940 and ending December 31, 1940.

	<i>Amount Received</i>	<i>Number</i>
Lots and graves sold	\$14,462 10	304
Burial fees	10,263 00	871
Foundations	3,023 36	249
Repairs of lots and graves	162 00	22
Evergreens	2,490 00	498
Annual care	885 90	164
Tomb fees	21 00	3
Removals	137 00	13
Chapel fees	21 00	3
Sundries	11 50	3
Interest received on Perpetual Care Fund	7,675 69	
	\$39,152 55	
Lots and graves taken into Perpetual Care	\$3,916 25	45
Amount in Perpetual Care Fund December 31, 1939	256,812 12	
Amount in Perpetual Care Fund December 31, 1940	\$260,728 37	

The following statistics may be of interest:

Total number of interments in the Cemetery	54,492
Number of lots (50) and graves (150) ready for sale	200
Estimated value of lots and graves ready for sale	\$10,250 00

Appropriations and Expenditures for Salaries
January 1, 1940 to December 31, 1940

A-1 Appropriation	\$70,146 00
A-1 Amount expended	64,911 78
A-1 Balance unexpended	\$5,234 22

Appropriations and Expenditures for Materials and Supplies

	<i>Appropriated</i>	<i>Expended</i>	<i>Balance</i>
Schedule B	\$290 00	\$271 87	\$18 13
Schedule C	334 78	334 78	
Schedule D	1,623 26	1,510 79	112 47
Schedule E	197 24	197 24	
Schedule F	1,490 12	1,490 12	
	\$3,935 40	\$3,804 80	\$130 60
Total expended for salaries, materials and supplies .		\$68,716 58	
Total revenue received		39,152 55	
Net loss		\$29,564 03	

In submitting this eighty-seventh annual report I again make the following recommendations:

That the land abutting the Cemetery, which is owned by the Mount Auburn Cemetery Corporation, be purchased and added to the Cemetery and be prepared for burial purposes.

I also recommend the purchase of the following equipment: One air compressor with gasoline engine, and one cement mixer on chassis.

I also recommend an appropriation for the purchase of permanent markers to mark the perpetual care lots. I again recommend an appropriation for the building of a workshop and garage for the storage of equipment and tools.

I also recommend an appropriation for the building of permanent roads in the Cemetery.

I also recommend that one male clerk be added to the department due to the increase of office work, as the office force has never been added to since the Cemetery opened in 1854.

Respectfully submitted,

RALPH N. HAMILTON,
Superintendent.

ANNUAL REPORT OF THE SEALER OF WEIGHTS AND MEASURES

For the Year Ending December 31, 1940

To the Honorable City Council:

In compliance with the City Ordinance I respectfully submit a report of the Department of Weights and Measures for the year ending December 31, 1940

Appropriation \$10,568 40

Expended

Salaries:

Joseph M. O'Neil, Sealer	\$3,300 00	
James J. Lynch, First Deputy Sealer	2,500 00	
Edward W. Barker, Deputy Sealer	2,340 00	
Anders T. Anderson, Deputy Sealer	2,000 00	
		\$10,140 00

Crimson Garage, supplies and repairs	\$71 29	
Street Department, gasoline and oil	80 50	
Hobbs Warren, supplies	23 00	
Municipal Supply Co., supplies	33 65	
Robinson Seal Co., supplies	34 50	
MacKenzie Motor Sales Co.	25 03	
New England Telephone and Telegraph	46 40	
Allen Stationery Co., supplies	7 15	
Boston Elevated Railway, car tickets	4 00	
Cambridge Recorder, index cards	3 00	
Cambridge Vulcanizing Co., inner tube	2 30	
Commercial Supply Co., supplies	6 25	
Gofkauf Stores, Inc., supplies	2 89	
D. T. Munroe Co., supplies	3 90	
New England Adding Machine Co., repairs	4 50	
New England Scale Co., spring scale	6 00	
Pill Hardware Co., supplies	5 28	
Richdale Garage, battery rental	3 75	
John F. Fitz Supply Co., towels	12 00	
Joseph M. O'Neil, convention	6 20	
Edward W. Barker, registrations	6 00	
Peter F. Tague, stamps	6 20	
		\$10,527 59

Amount unexpended	\$40 81
-----------------------------	---------

Revenue:

Fees for sealing	\$1,970 53	
Fees for adjusting	68 05	
		\$2,038 58
Total amount expended	\$10,527 59	
Total amount collected	2,038 58	

Net expenses of department	\$8,489 01
--------------------------------------	------------

TESTS MADE FOR THE YEAR ENDING DECEMBER 31, 1940			
Scales sealed.....	2,394		
Scales adjusted.....	378		
Scales condemned.....	51		
		2,823	
Weights sealed.....	3,070		
Weights condemned.....	63		
		3,133	
Dry measures sealed.....	5		
Liquid measures sealed.....	543		
		548	
Vehicle tank compartments sealed.....	170		
		170	
Yard measures sealed.....	69		
Cloth measures sealed.....	7		
		76	
Gasoline meters sealed, 1 inch or less.....	579		
Gasoline meters sealed, over 1 inch.....	137		
Gasoline adjusted.....	105		
		821	
Grease measuring devices sealed.....	226		
		226	
Platform scales, capacity over 10,000 pounds.....	56		
Platform scales, 5,000 pounds to 10,000 pounds.....	26		
Platform scales under 5,000 pounds.....	404		
Counter scales sealed.....	519		
Beam scales sealed.....	14		
Spring scales sealed.....	728		
Computing scales sealed.....	505		
Person scales sealed.....	69		
Prescription scales sealed.....	68		
Jeweler's scales sealed.....	5		
		2,394	
Taximeters sealed.....	60		
		60	
Total number of tests made.....		10,251	

STANDARDS FURNISHED BY THE COMMONWEALTH

- 1 set (5) avoirdupois weights, 50 pounds to 5 pounds
- 1 set (11) avoirdupois weights, 4 pounds to 1/16 ounce
- 1 kilogram in case
- 1 steel meter in case
- 1 brass measure
- 1 set (5) iron dry measures, 1/2 bushel to 1 quart
- 1 set (6) iron liquid measures, 1 gallon to 1 gill

City of Cambridge Property

1 roll top desk.....	}	\$200 00
1 black walnut desk.....		
4 chairs.....		
1 black walnut table.....		
1 oak table.....		
1 set card records.....		
1 set card index.....		
1 test tank and trailer.....		304 00
1 office record book.....		10 00
1 record book.....		8 00

1 platform scale.....	\$75 00
1 folding platform scale.....	30 00
1 balance, 1/50 grain to 1/2 pound.....	15 00
1 balance, 1 milligram to 500 grams.....	35 00
1 sealer's balance, oak cabinet.....	950 00
2 leather tool bags.....	9 50
1 spring scale, 1 pound to 125 pounds.....	1 00
2 sets (19) avoirdupois weights.....	10 00
1 set avoirdupois weights, 1/32 ounce to 10 pounds.....	50 00
1 set (9) troy weights, 16 ounces to 1/4 ounce.....	3 00
1 set (18) troy weights, 10 ounces to 1/2 grain.....	11 50
1 set (13) metric weights, 1 kilo to 1 gram.....	5 00
1 set (21) metric weights, 50 grams to 1 milligram.....	13 50
1 set (30) apothecaries' weights, 2 drams to 1/2 grain.....	15 00
1 set (3) iron weights, 25 pounds, 10 pounds, 5 pounds.....	5 00
32-50 pound weights.....	80 00
3 glass graduates.....	1 00
1 set(5) copper dry measures.....	45 00
1-5 gallon measure.....	15 00
1 set (8) copper liquid measures.....	15 00
5 test cans, 5 gallons to 1 gallon.....	50 00
1 Underwood portable typewriter.....	25 00
1 filing cabinet.....	18 50
1 standard yard measure.....	6 00
1 desk lamp.....	5 00
1 Ford automobile (coupe).....	100 00
1 Ford automobile (business sedan).....	600 00
250 cloth seals.....	1 75
250 aluminum seals.....	3 25
200 leads and wires.....	1 25
Miscellaneous tools.....	25 00
Total.....	\$2,542 25

. Respectfully submitted,

JOSEPH M. O'NEIL,
Sealer of Weights and Measures

REPORT OF THE FIRE DEPARTMENT

For the Year Ending December 31, 1940

To His Honor the Mayor and the City Council:

Gentlemen: In compliance with requirements of the City Ordinances I respectfully submit my seventh annual report for the Fire Department of the City of Cambridge for the year beginning January 1, 1940 and ending December 31, 1940.

This report contains the cost of maintenance, membership, condition of apparatus, a record of fires and alarms of fire and the cause thereof as near as could be ascertained, the value of property at risk, the insurance thereon, the loss or damage sustained, and such other information as may be of interest.

FINANCIAL STATEMENT

Department appropriation for salaries	\$462,276 88
Transfers of amounts to Schedule A1 (Personal) . .	53,158 00
Total amount appropriated for salaries	\$515,434 88
Total amount expended for salaries	515,048 77
Unexpended balance from salaries	\$386 11

The following is a list of the values, loss, insurance and insurance loss paid on fires for 1940:

	<i>Value</i>	<i>Loss</i>	<i>Insurance</i>	<i>Insurance Paid</i>
Buildings	\$2,939,920 00	\$140,529 82	\$6,218,325 00	\$126,509 00
Contents	186,936 75	90,327 85	150,196 75	89,877 10
Total	\$3,126,856 75	\$230,857 67	\$6,368,521 75	\$216,386 10

From January 1, 1940 to December 31, 1940 the Fire Department received and turned into the City Treasurer \$510.79 from permits and refund on gasoline tax.

ORGANIZATION

The manual force of the Fire Department for the year ending December 31, 1940 consisted of 222 members as follows: one chief,

four deputy chiefs, 16 captains, 19 lieutenants, two enginemen, one assistant engineman, 179 privates, one master mechanic, rank of private.

There are nine motor pumping engines, eight combination hose and chemical wagons, four aerial ladder trucks, one rescue truck, one light truck, one chief's car, two deputy chief's cars, one repair truck, one light pick-up truck used by repair division, all in active service.

APPARATUS

The apparatus of the Department in active service consists of the following:

Two triple combination pumping engines, 1,000 gallons capacity.

Three triple combination pumping engines, 750 gallons capacity.

Four combination motor pumping engines, 750 gallons capacity.

Eight motor combination hose and chemical wagons.

One 100-foot aerial ladder truck.

One 85-foot aerial ladder truck.

Two 75-foot aerial ladder trucks.

One rescue wagon.

One floodlight wagon fully equipped.

One repair and wrecking truck.

One light pick-up truck.

One automobile for chief of Department.

Two automobiles for deputy chiefs.

APPARATUS IN RESERVE

Two triple combination pumping engines, 750 gallons capacity.

One combination hose and chemical wagon.

One aerial ladder truck, 75 foot.

One city service ladder truck fully equipped.

RESPONSE

The chief, deputy chiefs and companies of the Department responded to the following number of alarms of fire, both bell and still, also emergency calls for the year ending December 31, 1940:

Chief Gutheim	57		
Deputy Caldwell	284		
Deputy Church	249		
Deputy Collins	140		
Deputy O'Connor	225		
Engine No. 1	406	Engine No. 8	363
Engine No. 2	543	Engine No. 9	196
Engine No. 3	231	Ladder No. 1	366
Engine No. 4	205	Ladder No. 2	301
Engine No. 5	701	Ladder No. 3	481
Engine No. 6	439	Ladder No. 4	259
Engine No. 7	390	Rescue No. 1	897

Floodlight truck responded to five calls and worked 21 hours supplying light for fires and emergencies.

The following is a list of the time that apparatus was out of quarters, and the equipment and appliances used, with the number of inspections and other information offered:

Out of quarters, 2,165 hours. Out of city limits, 60 hours. Laid 245,850 feet of 2½-inch hose. Laid 45,900 feet of 1½-inch hose. Used 84 large chemical tanks; 89 soda and acid extinguishers; 17 foamite type extinguishers; 9 pumpcans; 212 pounds of CO₂ extinguishers; 34,961 feet of ladders; masks, 32 hours; 61 bottles of oxygen, 23 hours; 28 fuses for chimneys; 145 salvage covers; 8,331 gallons of 70/72 naphtha; 132 gallons of motor oil; lighting generators for 50 hours. Engine pumps worked 107 hours for extinguishing fires. Booster pumps worked 226 hours for extinguishing fires. 13,228 inspections were made by the members for year of 1940.

The Department responded to 1,051 bell alarms, 717 still alarms, a total of 1,768 alarms. Included in the above were three second alarms. Also in the above there were 340 false alarms as compared to 289 false alarms for the year of 1939, an increase of 51 false alarms, which is not encouraging.

The Department responded outside the city limits 117 times, as follows: Somerville, 95; Belmont, 9; Watertown, 11; Arlington, 2.

During the year 842 drills were held by members and companies, both at company quarters and at the drill tower.

DEATHS

Private Carrier, Charles I., died January 18, 1940.

Private Holleran, Daniel J., died May 20, 1940.

Captain Reilly, William J., died September 4, 1940.

REPAIR DIVISION

Engine No. 3 has been repainted and overhauled. Hose No. 3 has been equipped with one 24-inch extension ladder and one 12-inch roof ladder, new wheels, pneumatic tires, repainted and overhauled. Hose No. 5 has been equipped with new wheels, pneumatic tires, revarnished. Headquarters Building has been painted inside and outside. This work was begun by a WPA project, and finished by members of the Repair Division.

NEW EQUIPMENT

One 1,000 gallon pump with sedan body was placed in service January 10, 1940. This apparatus exceeded all expectations and is one of the finest pieces of fire apparatus in this part of our country.

RECOMMENDATIONS

I respectfully recommend that Ladder No. 2 and Engine No. 6 be replaced this year. Ladder No. 2 is in very poor condition and in my opinion is unsafe to work upon. Engine No. 6 was purchased in 1919 and needs extensive repairs to keep it in running order.

Six of our present engines are from twelve to eighteen years old and I recommend that one engine be purchased each year until all are replaced.

The house of Ladder No. 2 on Portland Street should be rebuilt, as this building was constructed in 1884 and has had very little repair work done upon it since that time.

The drill tower needs painting and strengthening, has had no repairs since it was built in 1932, If our firemen are to receive the proper instructions this tower should be kept in first class condition.

CONCLUSION

To his Honor the Mayor for his courtesy and interest in all matters concerning the Fire Department, the members of the City Council for their kindness and consideration, to the officers

and members of the Fire Department for their coöperation and loyalty my thanks are due.

I also extend my thanks to the Electrical, Police and Water Departments, the City of Somerville, Towns of Arlington, Belmont and Watertown for their assistance rendered during the past year.

Respectfully submitted,

HERMAN E. GUTHEIM,
Chief of Fire Department.

Cambridge, Massachusetts.

FIRE DEPARTMENT ROSTER

Chief.....	Herman E. Gutheim
Deputy Chief.....	Joseph H. Caldwell
Deputy Chief.....	George L. Church
Deputy Chief.....	John F. Collins
Deputy Chief.....	Charles F. O'Connor
Chief's Clerk, rank of Private.....	Edward E. Gaughan
Chief's Aid, rank of Private.....	Patrick V. Russell
Chief's Aid, rank of Private.....	John J. Connolly
Deputy Chief's Aid, rank of Private.....	William F. Davidson
Deputy Chief's Aid, rank of Private.....	Patrick J. Murphy
Deputy Chief's Aid, rank of Private.....	David J. Ryan
Deputy Chief's Aid, rank of Private.....	Thomas F. Sweeney
Drillmaster, rank of Captain.....	George H. Friel

ENGINE COMPANY No. 1
Broadway and Cambridge Street

Captain.....	Otis D. Powers
Assistant Engineman.....	Hiram W. Hooker
Lieutenant.....	Timothy F. McCarthy
Permanent Private.....	William T. Anderson
Permanent Private.....	John F. Coughlin
Permanent Private.....	Leo A. Diehl
Permanent Private.....	Horace Eagleson
Permanent Private.....	Joseph B. Higgins
Permanent Private.....	Francis R. Jefferson
Permanent Private.....	Dennis McCarthy
Permanent Private.....	Manuel G. Travers
Permanent Private.....	Vincent F. Kelley
Permanent Private.....	Martin P. Molloy
Permanent Private.....	Michael H. Coyne
Permanent Private.....	Joseph E. Keane
Permanent Private.....	William J. Cremins

ENGINE COMPANY No. 2
378 Massachusetts Avenue

Captain.....	Henry E. Kilfoyle
Lieutenant.....	Joseph A. Mullen
Lieutenant.....	Maurice J. Murphy
Permanent Private.....	Daniel J. O'Connell
Permanent Private.....	John J. Delaney
Permanent Private.....	Joseph D. Sheehan
Permanent Private.....	William J. McNally
Permanent Private.....	Louis J. Woodbury
Permanent Private.....	Joseph L. Mills
Permanent Private.....	Dennis F. Cremins
Permanent Private.....	John J. Stack
Permanent Private.....	Charles W. Sullivan
Permanent Private.....	Stanley C. Fabianski
Permanent Private.....	Phillias P. Belanger
Permanent Private.....	Joseph H. Vargus
Permanent Private.....	Harold F. Magee

ENGINE COMPANY No. 3
Third and Gore Streets

Captain.....	Edward F. Kelley
Lieutenant.....	James E. Crowley

Lieutenant.....	Philip J. Brownrigg
Permanent Private.....	William F. Bulger
Permanent Private.....	Francis J. Connelly
Permanent Private.....	Francis W. Dilworth
Permanent Private.....	Henry E. Findley
Permanent Private.....	Noel A. Landry
Permanent Private.....	Edward F. Looney
Permanent Private.....	James Stack
Permanent Private.....	John F. Stanton
Permanent Private.....	Francis J. Sweeney
Permanent Private.....	John B. Toomey
Permanent Private.....	Lawrence J. Watts

ENGINE COMPANY No. 4
2029 Massachusetts Avenue

Captain.....	John Gibson
Lieutenant.....	Joseph R. Flynn
Permanent Private.....	Walter A. Allen
Permanent Private.....	Thomas J. Lovett
Permanent Private.....	Arthur J. Tremblay
Permanent Private.....	Leo G. Cook
Permanent Private.....	Edward L. Cuthbert
Permanent Private.....	Otis D. Powers, Jr.
Permanent Private.....	James W. Breslin
Permanent Private.....	Arthur J. Bolduc
Permanent Private.....	James V. Conlin
Permanent Private.....	James E. Fitzgerald
Permanent Private.....	Joseph C. Lehan
Permanent Private.....	Lawrence Mc. Tarbox

ENGINE COMPANY No. 5
Inman Square

Captain.....	Timothy F. White
Lieutenant.....	Thomas F. O'Connor
Lieutenant.....	Francis J. G. Hanley
Permanent Private.....	Frank A. Casey
Permanent Private.....	George E. Blomquist
Permanent Private.....	Joseph Bedard
Permanent Private.....	James J. Corkery
Permanent Private.....	John J. Callan
Permanent Private.....	Patrick J. Cremins
Permanent Private.....	John F. Kenney
Permanent Private.....	Gilbert R. Rebello
Permanent Private.....	Michael J. Mahoney
Permanent Private.....	William T. Murphy
Permanent Private.....	William J. Lively
Permanent Private.....	Charles J. Crowley
Permanent Private.....	Charles J. Malieswki

ENGINE COMPANY No. 6
176 River Street

Captain.....	George A. Ryan
Lieutenant.....	Charles T. Anderson
Permanent Private.....	Thomas F. Mullen
Permanent Private.....	William F. Campbell
Permanent Private.....	Henry A. Cutting
Permanent Private.....	George H. Carrier
Permanent Private.....	Edward F. Daisy

Permanent Private.....	John J. Murphy, 1st
Permanent Private.....	John E. Bagwell
Permanent Private.....	Joseph A. Brusard
Permanent Private.....	Walter E. Broderick
Permanent Private.....	James P. Cook
Permanent Private.....	John A. Donohue
Permanent Private.....	Daniel P. Lehane
Permanent Private.....	Thomas D. Short

ENGINE COMPANY No. 7

Main Street, Corner of Dock Street

Captain.....	Edward T. Murphy
Lieutenant.....	Edward J. Tobin
Engineman.....	Joseph S. Hayes
Permanent Private.....	Louis H. Fabry
Permanent Private.....	James B. Burrell
Permanent Private.....	Joseph L. Ballantine
Permanent Private.....	Edward J. Campbell
Permanent Private.....	Joseph E. McKenna
Permanent Private.....	William J. Ross
Permanent Private.....	Manuel W. Souza
Permanent Private.....	Benjamin J. Cavanaugh
Permanent Private.....	Harold H. Cooper
Permanent Private.....	Francis F. Connerty
Permanent Private.....	Allen L. Cremins
Permanent Private.....	Carl F. Johnson

ENGINE COMPANY No. 8

Junction of Sherman and Garden Streets

Captain.....	John J. Murphy
Lieutenant.....	Arthur J. Foster
Permanent Private.....	Michael T. Munyon
Permanent Private.....	Aloysius O'Rielly
Permanent Private.....	John J. Murphy, 3d
Permanent Private.....	Frank J. Murphy
Permanent Private.....	Frank J. Harrington
Permanent Private.....	Robert F. Kelley
Permanent Private.....	Patrick L. McDonnell
Permanent Private.....	Daniel P. Moynihan
Permanent Private.....	Edward Ennis
Permanent Private.....	John J. Flavin
Permanent Private.....	Michael A. McDonald
Permanent Private.....	Arthur X. St. Sauveur

ENGINE COMPANY No. 9

167 Lexington Avenue

Captain.....	Henry J. O'Brien
Lieutenant.....	Thomas L. Wilkshire
Permanent Private.....	Jeremiah J. Sullivan
Permanent Private.....	Charles H. Cooke
Permanent Private.....	Lawrence A. Corcoran
Permanent Private.....	Elzear D. Breton
Permanent Private.....	George E. Lorigan
Permanent Private.....	Thomas J. Mahoney
Permanent Private.....	Leo F. McCarthy
Permanent Private.....	Alexander G. McKee
Permanent Private.....	John J. Fallon
Permanent Private.....	Frank E. Wood

LADDER COMPANY No. 1
Broadway and Cambridge Street

Captain.....	William J. Curry
Lieutenant.....	John A. Cardoso
Lieutenant.....	James J. Fitzgerald
Permanent Private.....	John J. Balfe
Permanent Private.....	George J. Cotter
Permanent Private.....	Charles N. Anderson
Permanent Private.....	William Dias
Permanent Private.....	Andrew W. Gelinas
Permanent Private.....	David C. Murphy
Permanent Private.....	John J. Tattan
Permanent Private.....	Francis S. Feeney
Permanent Private.....	Oscar T. Johanson
Permanent Private.....	Jeffrey J. Landry
Permanent Private.....	James E. Mulrey
Permanent Private.....	Eliot Scholl
Permanent Private.....	Ernest S. Varney

LADDER COMPANY No. 2
Portland and Thorndike Streets

Captain.....	William V. Jefferson
Lieutenant.....	Edward F. Caldwell
Permanent Private.....	Joseph Silveria
Permanent Private.....	Edward R. Harrington
Permanent Private.....	Laurence H. Johnson
Permanent Private.....	William L. Sullivan
Permanent Private.....	Arthur W. Tisdale
Permanent Private.....	Michael Mullen
Permanent Private.....	Walter H. Clancy
Permanent Private.....	Daniel F. Murphy
Permanent Private.....	John P. O'Niel
Permanent Private.....	Morris A. Skold
Permanent Private.....	John P. Murray
Permanent Private.....	Joseph R. Arruda

LADDER COMPANY No. 3
394 Massachusetts Avenue

Captain.....	Edmund M. Burke
Lieutenant.....	John J. Dineen
Permanent Private.....	Louis C. Avery
Permanent Private.....	Emerill B. Beucler
Permanent Private.....	Vincent P. Galvin
Permanent Private.....	Thomas W. Lane
Permanent Private.....	Eugene O'Keefe
Permanent Private.....	John H. McPherson
Permanent Private.....	Edward A. Malone
Permanent Private.....	Michael F. Maloney
Permanent Private.....	Thomas V. McGrath
Permanent Private.....	William F. Newman
Permanent Private.....	James H. Sullivan
Permanent Private.....	Edward J. Traynor
Permanent Private.....	William Quayle

LADDER COMPANY No. 4
Junction of Sherman and Garden Streets

Captain.....	Edward J. Griffin
--------------	-------------------

Captain.....	Daniel A. Walsh
Lieutenant.....	Luke F. Masterson
Permanent Private.....	Andrew P. Keenan
Permanent Private.....	Warren A. Hardy
Permanent Private.....	Francis A. Lyshorn
Permanent Private.....	Thomas W. Murphy
Permanent Private.....	Hugh P. Quinn
Permanent Private.....	Joseph W. McCloskey
Permanent Private.....	William J. Doliber
Permanent Private.....	Lawrence A. Bolduc
Permanent Private.....	Michael J. Murphy
Permanent Private.....	Matthew F. Gleason
Permanent Private.....	Joseph L. Cartier
Permanent Private.....	Timothy J. Keefe
Permanent Private.....	Paul J. Blanchard

RESCUE COMPANY No. 1
Broadway and Cambridge Street

Captain.....	John L. Lavey
Lieutenant.....	Edward J. Fitzgerald
Lieutenant.....	John J. Drinan
Permanent Private.....	Ralph Barnes
Permanent Private.....	Francis H. Bibeau
Permanent Private.....	Daniel V. Cremins
Permanent Private.....	William F. Davidson, Jr.
Permanent Private.....	James H. Glennon
Permanent Private.....	John F. McCabe
Permanent Private.....	Herbert F. Shea
Permanent Private.....	Theodore L. Schbeider
Permanent Private.....	Paul A. Touchette

REPAIR DIVISION
Inman Square

Assistant Master Mechanic, rank of Engineer.....	Hugh J. Powers
Mechanic, rank of Private.....	Earland S. Cobb
Mechanic, rank of Private.....	Thomas M. Harrington
Mechanic and Painter, rank of private.....	Edwin R. Bradshaw

CAUSES OF FIRES AND ALARMS

Accidents.....	47
Aiding or assisting.....	120
Automobiles.....	112
Bonfires.....	27
Careless smoker or workman.....	56
Careless use of lighted candle.....	4
Careless use of lighted match.....	62
Careless use of lighted cigarette.....	33
Children playing with matches.....	33
Chimney fires (soot).....	62
Clothing, etc., near flame and stove.....	9
Curtains blowing near flame.....	4
Defective A. D. T. system.....	2
Defective sprinkler system.....	47
Defective chimneys.....	6
Defective wiring in buildings.....	13
Defective wiring on poles and trees.....	3
Dump fires.....	37
False alarms.....	340
Fat or meat on stove or oven.....	20
Fireworks, firecrackers, etc.....	3
Freight or electric cars.....	2
Fumes.....	26
Grass or brush.....	56
Hot ashes in box, barrel or carton.....	12
Hot electrical appliances.....	12
Hot pipe in smoker, clothes.....	1
Incendiary.....	1
Kerosene or gas stoves and lamps.....	2
Leaves in street or in yards.....	17
Needless or unnecessary.....	13
Oil burners (power or range).....	83
Old trees or Christmas trees.....	18
Open or defective fire places.....	6
Overheated stove or smoke pipes.....	19
Rekindle.....	2
Responded outside city limits.....	120
Rubbish in street, yard, or building.....	160
Rats and matches.....	1
Set by boys.....	24
Shaving or sawdust.....	7
Short circuit, motor or battery.....	21
Smoke, steam or sparks mistaken for fires.....	31
Smoky stove or chimney.....	8
Sparks from chimney.....	24
Sparks from locomotives.....	2
Sparks from stove or furnaces.....	1
Smoking in bed.....	9
Spontaneous combustion.....	29
Static electricity.....	5
Thawing frozen water pipes.....	6
Unknown.....	6
Tar kettles.....	3
Explosions.....	1
Total.....	1,768 alarms

REPORT OF THE CITY MISSIONARY

February 17, 1941.

*To His Honor the Mayor, the City Council,
and Frederick H. Burke:*

I herewith present the annual report of my stewardship as City Missionary for the past year in the cause of temperance.

I have attended the sessions of the Third District Court about every day and I have sometimes visited the Station House on Sundays. I have spoken kind and encouraging words to 61 females and 1,382 males. I have talked moral suasion to them as forcibly as I could, as I think more good can be accomplished in that way than in any other.

I am working in perfect harmony with the Court Police and Probation Office and any recommendation of mine is given favorable consideration.

In conclusion, gentlemen, if temperance does not gain this year, it will be through no neglect of mine.

Respectfully,

JOHN F. CAWLEY,
City Missionary.

REPORT OF SUPERINTENDENT OF BUILDINGS

Cambridge, Mass., July 21, 1941.

To His Honor the Mayor:

In accordance with the revised ordinances of this City, I transmit herewith the annual report of the Building Department for the year ending December 31, 1940.

INSPECTION OF BUILDINGS

Number of applications received and permits granted . . .	807
Number of inspections of buildings	3,611
Number of violations	29

INSPECTION OF GAS FITTING

Number of applications received and permits granted . . .	1,465
Number of inspections and tests	3,002

INSPECTION OF PLUMBING

Number of applications received and permits granted . . .	579
Number of inspections and tests	2,662
Number of violations	6

INSPECTION OF ELEVATORS

Number of applications received and permits granted	12
Number of inspections and tests	805
Number of violations	72

Yours respectfully,

JOHN J. TERRY,
Superintendent of Public Buildings.

CLASSIFICATION OF STRUCTURES, 1940 (Continued)

NEW NON-RESIDENTIAL BUILDINGS 1940	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost	No. of Bldgs.	Esti- mated Cost
Amusement and recreation places.....														
Churches, chapels, and parish houses.....														
Factories, bakeries, ice plants, greenhouses, laundries, and other workshops.....														
Garages, private.....	1	\$800	2	\$15,000	3	\$1,250					1	\$150	5	\$32,850
Garages, public.....	2	2,350	5	1,900									21	9,250
Gasoline and service stations.....			1	3,500									2	2,350
Institutional buildings.....													13	67,000
Office buildings, including banks.....														
Public buildings, including libraries and museums.														
Public works and utilities.....														
Schools, grade and high.....													5	5,050
Sheds, poultry houses, and other minor outbuildings	1	200											1	200
Storage warehouses, coal pockets, lumber sheds, etc.....														
Stores, restaurants, and other mercantile buildings	2	4,500	1	400							4	77,100	10	82,800
All other non-residential.....	2	40,000											7	105,400
	1	6,500			1	20,000					1	250	3	27,050
Totals.....	9	\$54,650	9	\$20,800	7	\$23,900		\$11,000	2	\$6,800	6	\$77,500	67	\$331,950

NEW RESIDENTIAL BUILDINGS 1940	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS			
	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	No. of Bldgs.	Estimated Cost	Families Planned for	
Housekeeping dwellings (one family)	1	\$3,200		4	\$13,000		4		1	\$3,000	1	\$4,800	3	\$18,000	19	
Two-family dwellings															4	
Multi-family dwellings (three or more families)	1	10,500	2		\$21,000	9	2	130,000	1	200,000	81	1	11,000	2	292	
Non-housekeeping dwellings (lodging houses) . .																
Total residential buildings	2	\$13,700	4	\$13,000	\$21,000	9	3	\$133,000	2	\$204,800	82	4	\$29,000	33	\$843,600	315

CLASSIFICATION OF STRUCTURES, 1940 (Continued)

ADDITIONS, ALTERATIONS AND REPAIRS, 1940		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
		No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:													
Housekeeping dwellings, all kinds.....		19	\$4,600	22	\$7,414	33	\$15,385	38	\$14,342	62	\$41,139	46	\$28,916
On non-residential buildings		10	18,340	14	11,341	27	33,191	9	12,048	25	70,814	15	13,553
Total additions, alterations and repairs		29	\$22,940	36	\$18,755	60	\$48,576	47	\$26,390	87	\$111,953	61	\$42,469

ADDITIONS, ALTERATIONS AND REPAIRS 1940		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		TOTALS	
		No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost	No. of Bldgs.	Estimated Cost
On residential buildings:															
Housekeeping dwellings, all kinds.....		37	\$26,418	50	\$37,359	34	\$11,024	41	\$17,162	24	\$8,605	10	\$6,625	416	\$218,989
On non-residential buildings		27	137,407	16	82,425	13	34,265	13	23,050	19	88,235	13	26,467	201	551,136
Total additions, alterations and repairs		64	\$163,825	66	\$119,784	47	\$45,289	54	\$40,212	43	\$96,840	23	\$33,092	617	\$770,125

REPORT OF THE ELECTRICAL DEPARTMENT FOR THE YEAR 1940

To His Honor the Mayor and the City Council:

Following is a report of the Electrical Department for the year 1940.

The number of inspections of new work continues to be less than in times that used to be considered normal, and we have taken advantage of this to do some reinspection work. As will be seen by the following table, there were 2,866 inspections of new work and 2,822 reinspections, to which latter should be added 91 inspections where there were fires and 154 inspections where services were changed from overhead to underground. If conditions ever change so that the amount of new work will take all the time of the inspectors, I believe that it will be advisable to have one more inspector to do reinspection work. In such a case the reinspection work could be systematized and every building in which there are electric wires could be reinspected periodically. The amount collected for fees for permits during the year and sent to the Treasurer was \$2,796.00; in addition to this amount bills in the amount of \$1,099.43 for additional inspections and fees were sent to the Treasurer. A large proportion of these bills have not been collected, \$985.43 collected and \$114.00 uncollected. Following is the table of inspections during the year.

INSPECTION OF WIRES

January 1, 1940 to December 31, 1940

Number of inspection cards	1,932
Number of visits	2,866
Number of defects	36
Number of unfinished cards	131
Number of 50w lamps installed	21,973
Number of 110V motors	408
H.P. of 110V motors	73
Number of 220V motors	306
H. P. of 220V motors	349 1/3
Number of 550V motors	196
H.P. of 550V motors	826 1/2
Number of transformers	7
Capacity of transformers, total K.V.A.	167.5
Number of generators	3
Capacity of generators, K.W	75
Number of toasters, heaters, etc. installed	39
Capacity of toasters, heaters, etc. installed, total K.W.	63.25
Number of welders installed	5

Capacity of welders installed, total amps.	148
Number of neon signs installed	62
Capacity of neon signs installed, total K.W.	48.8
Number of ranges installed	6
Capacity of ranges installed, total K.W.	48.9
Number of reinspections made	2,822
Defective conditions on above	360
Fires investigated	91
From overhead to underground (Inman, Austin, Oxford, River) . . .	154 services

FIRE ALARM AND POLICE SIGNAL SYSTEMS

Owing to the small appropriations given us we have been unable to do any new construction in the fire alarm and police signal systems. In fact we have been hard put to it to maintain the systems, and in many cases we have been obliged to patch where new installation should have been made. Nevertheless the fire alarm system has worked without any failure to receive or transmit an alarm of fire, although there has been some trouble on the different details of the system. The police signal system has worked as well as can be expected with the apparatus and equipment that is in use. The present fire alarm office equipment was installed with a view to using boxes of the type that would transmit their alarm to the office even though there were circuit trouble. This is known as the grounded system, and if a box is pulled when there is trouble on a circuit the box will automatically ground itself, and a ground having previously been put on the circuit in the office the alarm will come in over the grounded circuit. The old type box will not do this, and with circuit trouble existing these old boxes will not transmit the signal. The plan at the time the office equipment was installed was to purchase fifty boxes each year, which would bring about replacements of all our boxes in about five years. However, the necessary appropriations have never been made for this. But it has been possible with the appropriations made to install new boxes to the extent that 62 of our present boxes are of the grounded type. In all there are 278 boxes on our circuits.

The police signal system equipment at Police Headquarters was installed when the building was built, and that is the only part of the police signal equipment, except the underground cable, which can be considered modern. The boxes connected with Headquarters switchboard, and the station equipment and boxes in Division 3 and 4 are very old and obsolete. Both the boxes and station apparatus, with the exception of that in Headquarters,

break down very frequently and our appropriations have been so meager that we have been unable to purchase replacements of parts or spares to be in service while we are repairing those that have broken down. I have repeatedly requested money to purchase grounded type fire alarm boxes to replace the present boxes and for the purchase of new apparatus and police boxes for the police signal system. Very small appropriations have been made for these purposes, particularly in connection with the police signal system. There are 118 boxes, police signal, in the city. Following is a resume of the number of alarms in the fire alarm:

The total number of alarms transmitted for the year, 1,783.

685 city boxes pulled and transmitted.

236 boxes transmitted for telephone calls.

23 A.D.T. boxes transmitted.

6 General Alarm Corporation transmitted.

9 Belmont boxes transmitted.

6 Watertown boxes transmitted.

92 Somerville boxes transmitted.

2 Arlington boxes transmitted.

1,059 total number of bell alarms transmitted.

724 still alarms transmitted (no box number transmitted).

POLICE RADIO SYSTEM

The maintenance of the police radio system has been in the hands of Sergeant Edward F. Tierney of the Police Department. Nominally the Electrical Department has charge of the police radio system, but to a great extent the recommendations of Sergeant Tierney are accepted for alterations, repairs, and additions to the system. There have been no serious troubles in the system for the past year. Following is a brief table of the activities in the system.

1,107 alarms of fire.

7,321 messages of radio prowl cars.

41 messages to Fire Chief's car.

60 messages to City Electrician's car.

71½ hours transmission time on the air.

Besides the Headquarters transmitter and receiver there are the following receivers and transmitters:

Fire Chief's car — two way.

Two Deputy Fire Chief's cars — one way.

Seven police cars — two way.

Two police cars — one way.

There have been installed during the year:

Two new pick-up receivers for pick-up points, one at the Putnam School, one at Ladder 4.

Two new receivers purchased for new prowl cars.

STREET LIGHTING AND TRAFFIC MAINTENANCE

The appropriations for street lighting have been insufficient to pay for the street lights that are already on the street. This condition having existed for several years, very few additional street lights have been added for several years. In addition during 1940 there have been no changes in the street lighting. Late in the year, however, the Committee on Wires and Lamps made a survey of the Harvard Square district at the request of the Harvard Square Business Men's Association, and as a result they recommended changes in the types of street lamps in the Harvard Square section. Owing to the difficulties in getting materials, due to priority, the change probably will not be made until nearly the middle of next year, 1941. Each year in the budget estimate I have requested an appropriation for new street lights that might be ordered by the City Council; not only has this request been eliminated but the final appropriation for street lighting has for many years been less than the amount necessary to pay for the lights already existing on the streets. The 41 gas lamps that remain in use are inefficient as sources of lighting and should be replaced with electric lights. It has not been done before this because the residents in the vicinity of these gas lamps objected to the use of poles and overhead wires, and the Cambridge Electric Light Company does not see fit to install underground construction unless it is paid for by the property owners. The latter object to paying for the underground and the result has been that the gas lamps have been allowed to remain. But I believe that the time has come to install electric lamps and do away with these gas lamps altogether.

GENERAL

Bills in the total amount of \$1,943.15 have been sent to the Treasurer during 1940. These bills are for additional fees for electrical permits, for damages to pedestals of fire alarm and police boxes, and traffic signals and safety islands. A very large proportion of these bills remain uncollected, and I understand that no effort is made to collect them. The only payments are those that are made voluntarily by the person who owes the money or by the insurance company where there is a case of damage. Up to a comparatively few years ago these bills used to be collected by the

police officer detailed in the City Solicitor's office, but after a change in the identity of this officer the collections were lost sight of and never started again. I believe that some means should be adopted to collect such of these bills that are not outlawed.

Assistant City Electrician James H. McAllister was retired on a pension July 3, 1940, on account of having reached the age limit of seventy years. He was a capable and efficient employee and his retirement is deeply regretted. Two new Assistant Operators were appointed in the Fire Alarm office on September 3, 1940 to fill vacancies.

TIMOTHY C. O'HEARN,
City Electrician.

REPORT OF PLANNING BOARD
For the Year Ending December 31, 1940

The Planning Board of the City of Cambridge wishes to report that during the fiscal year of 1940 the Planning Board met and held hearings at various times, whenever petitions were presented to the said Board, and due notice of the said petitions was published in the newspapers according to law.

All decisions by the Planning Board, including dissenting opinions, were duly reported to the City Clerk for reference to the City Council.

Respectfully submitted,

JOSEPH S. REZENDES.

REPORT OF BOARD OF APPEAL

January 31, 1941.

To His Honor the Mayor:

In accordance with the provisions of the Zoning Law and Building Code, the Board of Appeal herewith submits its report for the year ending December 31, 1940.

The Board held fifteen public hearings and has had presented for its consideration eighty-nine cases. These cases may be classified as follows:

Cases involving new buildings.....	38
Cases involving alterations to existing buildings.....	21
Cases involving additions to existing buildings.....	10
Cases involving occupation of existing buildings.....	4
Cases involving use of premises only.....	16
Total.....	89

In the above mentioned cases modification of the Zoning Law and Building Code were sought under the following:

Rear yards.....	5
Side yards.....	6
Type of construction.....	21
Occupancy and use.....	16
Use of premises.....	19
Business buildings in residential districts.....	19
Garages for more than two cars.....	3
Total.....	89

A summary of the decisions rendered by the Board on the above cases is as follows:

Granted.....	64
Denied.....	23
Withdrawn.....	2
Total.....	89

During the past year there were important cases before the Board which involved typical relief, such as extension of the apartment house zoning line a few feet into the R-4 District at the corner of Concord Avenue and Craigie Street, also deep stores — as an instance super-markets on the Avenue, extension of the business line a few feet into residential district. In view of the irregular depths of lots the above cases represent proper relief because a zone line exactly 100 feet over a street would not be fair when the owner's lot is a greater depth and could not be used for other purposes than that used for the front of the lot. Many

codes make a zoning line flexible in that the zoning lines may be extended 25 feet without going to the Board of Appeal.

Another important question which came up during the year was the variance of the application of the Zoning Law so as to allow in whole or part an additional story in an R-3 District, which allows buildings of four stories or sixty feet. In such cases the Code requires a first floor of reinforced concrete and the upper floors second-class with the exception of corridors and stairways, which would be of fireproof construction. The fire area units of such construction are limited to 3,000 square feet. Also in connection with this case was the use of the basement for apartments. The sixty-foot limit would permit five stories because the clear height, floor to ceiling, does not have to exceed eight feet. It has developed that the four-story "walk-up" apartment building has become a thing of the past. The question now is whether it would be better to have new districts allowing a height limit of possibly three stories, another district of six stories, and still another of greater height but with limited coverage of the lot. In connection with the six-story height the problem would be whether or not to have the building first-class entirely with or without restriction as to fire areas, or second-class with reinforced concrete first floor either maintaining the present 3,000 square foot area limit or increasing it and stopping the increase with frontage of the lot on more than one street.

The Board again recommends that the large and obsolete old frame houses in the residential districts should still be considered violations in the new Building Code and also receive no special treatment in the new Zoning Law so as to permit alterations into apartments, even in the most highly restricted districts. Such a provision, unless the lots are very large, would mean a depreciation of a residential district, also much would depend upon how well the work was to be done and how it would affect the immediate neighborhood.

These are some of the problems to be solved by the Mayor's Committee on Modernization of the Building Code and Zoning Law.

Respectfully submitted,

PARKER F. SOULE, *Chairman*,
WILLIAM LAWRENCE GALVIN,
JAMES J. WALSH.

REPORT OF BOARD OF PUBLIC WELFARE

April 1, 1941.

To His Honor the Mayor and the City Council:

The Board of Public Welfare respectfully submit their annual report for the year ending December 31, 1940.

During the year the number of cases aided as general relief cases was 3,777, the number aided under Aid to Dependent Children law was 430, and the number aided under the Old Age Assistance law was 1,940.

The cost of maintaining the Department is as follows:

	<i>Expenses</i>	<i>Receipts</i>	<i>Net</i>
General Relief	\$1,046,719 98	\$253,086 60	\$793,633 38
Aid to Dependent			
Children	291,788 46	79,759 53	212,028 93
Old Age Assistance .	586,890 16	460,359 73	126,530 43
City Infirmary	71,589 36	3,686 39	67,902 97
	\$1,996,987 96	\$796,892 25	\$1,200,095 71

Respectfully submitted,

Chairman
Board of Public Welfare.

EXPENDITURES

General Relief

Personal Service:		
Salaries, permanent employees.....	\$33,443 88	
Salaries, temporary employees	3,970 84	
		\$37,414 72
Service other than Personal:		
Postage.....	\$400 00	
Transportation.....	700 00	
Communication.....	702 48	
Fees.....	162 50	
Travel outside State.....	125 00	
		2,089 98
Supplies:		
Office.....	\$856 82	
		856 82
Special Items:		
Burials.....	\$2,209 00	
Cash aid.....	884,443 37	
Clothing.....	5,900 51	
Groceries.....	7,227 77	
Fuel.....	29,119 67	
Medical.....	6,893 97	
State, cities and towns.....	49,153 85	
Institutional care.....	21,410 32	
		1,006,358 46
Total.....		\$1,046,671 98

Aid to Dependent Children

Personal Service:		
Salaries included in general relief.		
Service other than Personal:		
Postage.....	\$317 68	
Transportation.....	50 00	
		\$367 68
Supplies:		
Office.....	\$104 66	104 66
Special Items:		
Aid to families.....	\$291,316 12	291,316 12
Total.....		\$291,788 46

Old Age Assistance

Personal Service:		
Salaries, permanent employees.....	\$9,583 62	
Salaries, temporary employees.....	310 50	
		\$9,894 12
Service other than Personal:		
Postage.....	\$975 78	
Transportation.....	250 00	
		1,225 78
Equipment:		
Office	\$89 08	89 08
Supplies:		
Office	\$448 98	448 98
Special Items:		
Aid to recipients.....	\$575,232 20	575,232 20
Total.....		\$586 890 16

EXPENDITURES

City Home

Personal Service:

Salaries, permanent employees	\$31,662 92	
Salaries, temporary employees	612 00	
		\$32,274 92

Service other than Personal:

Postage	\$20 00	
Transportation	350 00	
Freight and cartage	9 55	
Light and power	2,728 16	
Agricultural	21 10	
Communication	261 87	
Medical service	13 75	
Boiler inspection	20 00	
Service not otherwise coded	456 94	
Burials	664 00	
		4,545 37

Equipment:

Machinery	\$18 36	
Furniture and fittings	332 90	
Wearing apparel	526 05	
		877 31

Supplies:

Office	\$35 00	
Food and ice	25,190 03	
Fuel	5,489 25	
Medical	519 59	
Laundry and cleaning	583 95	
Motor vehicle	1 00	
Chemicals and disinfectants	64 80	
Tobacco	651 98	
Supplies not otherwise coded	1,099 30	
Bedding and linen	256 86	
		33,891 76

Total			\$71,589 36
-----------------	--	-------	-------------

RECEIPTS

Outside Aid

Other Cities and Towns:

Temporary Aid	\$28,995 33	
Sick poor	4,891 24	
		\$33,886 57

Commonwealth of Massachusetts:

Temporary aid	\$205,522 28	
Sick poor	10,433 59	
		215,955 87

Other Sources	\$3,244 16	
		\$253,086 60

RECEIPTS

Aid to Dependent Children

Commonwealth of Massachusetts.....	\$4,591 63	\$4,591 63
Federal Grants:		
For aid.....	\$72,726 19	
For administration.....	2,385 71	
		75,111 90
Other Sources.....	\$56 00	56 00
		\$79,759 53

Old Age Assistance

Other Cities and Towns.....	\$6,093 28	\$6,093 28
Commonwealth of Massachusetts.....	\$176,070 00	176,070 00
Other Sources:		
Federal Grants:		
Assistance.....	\$269,021 79	
Administration.....	9,014 53	
		278,036 32
		\$460,359 73

City Home

Board.....		\$3,686 39
------------	--	------------

REPORT OF THE CITY PHYSICIAN

To His Honor the Mayor and the City Council:

Cambridge, Mass., January 1, 1941.

The report of the City Physician for the twelve months ending December 31, 1940, is hereby rendered:

CITY HOME

Number of persons attended.....	991
Number of visits.....	310
Number of admissions.....	184
Number of deaths.....	25
Number of discharges.....	184
Cost of medicines, and hospital supplies.....	\$519 59

OUTSIDE AID

Number of persons attended.....	8,061
Number of visits to same.....	11,580
Number of persons sent to outside hospitals.....	70
Number of outside deaths.....	8
Number of outside births.....	2
Cost of medicines and surgical appliances.....	\$6,872 27

Under the classification of special care ninety persons were fitted with eyeglasses at a cost of \$674.18. One artificial eye at \$6.50. Four pairs of eyeglasses were repaired at a cost of \$12.50. Four dental plates were issued at a cost of \$33.00. Two persons were fitted with arch supports at a cost of \$25.00. Three pairs of special shoes were issued for \$20.00. Two persons were fitted with trusses at a cost of \$15.50. One suspensory support was supplied for \$6.00. One back brace at \$20.00. Two sacroiliac belts were supplied at a cost of \$15.00. Two abdominal corsets at \$28.00. One surgical belt at \$13.50. One elastic support at \$14.80, and one abdominal support at \$6.00.

The system of dispensing medicine to welfare and WPA recipients was continued as in the past with substantial reduction.

The City Physician continued to employ two assistants as provided by the City Ordinance, and it is believed the work was satisfactorily done.

The care of the patients at the City Home was efficiently administered by continuing the system of providing a resident interne.

Our relations with the Cambridge City Hospital were excellent. We are very grateful for their co-operation. We have made

every effort to reciprocate by accepting all chronic cases referred to this Department.

Herein I wish to express my thanks to the Secretary of the Board of Public Welfare for his assistance and many kind suggestions. We are also deeply indebted to His Honor, the Mayor, City Council and the Board of Public Welfare for their interest and co-operation.

Respectfully submitted,

PATRICK J. FLEMING, M.D.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE CAMBRIDGE HOME FOR AGED AND INFIRM

To the Honorable Board of Public Welfare:

The annual report of the administration of the Home for Aged and Infirm for the year ending December 31, 1940 is herewith respectfully submitted.

During the first three months of the year, the administration of the affairs of the Home was under the direction of Thomas P. Dillon, Chairman of the Board and acting Superintendent. Mr. Dillon relinquished the duties of acting Superintendent on April 10 when the appointment by the Board of Public Welfare of William C. Conway as Superintendent became effective.

An immediate and complete survey of the internal fire alarm signal system and fire extinguishers throughout the building was made by the Superintendent and an official of the Fire Department. The fire alarm system was repaired and put into working order. All extinguishers were recharged and placed in convenient and conspicuous locations throughout the building. The Superintendent renewed the request made by Mr. Dillon that the City Electrician install a fire alarm box on the exterior of the building communicating directly with fire alarm headquarters.

Improvements were made in the solarium of the women's hospital by covering the red brick wall interior with cream-colored paint, the hanging of draperies purchased with a donation from the Women's Civic Federation, Inc., and the purchase of twenty-five porch rockers to replace the original chairs and rockers.

The children's nursery was repainted and redecorated, as were the so-called "quiet rooms," rooms used for the dangerously ill. These, and other cleaning, painting and redecorating projects, were accomplished by physically able residents of the Home.

STATISTICS

The following vital statistics are respectfully submitted:

	<i>Men</i>	<i>Women</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Remaining December 31, 1939	150	66	1	1	218
Admissions during 1940	119	34	28	16	197
	—	—	—	—	—
Total	269	100	29	17	415
Discharges during 1940	132	42	28	17	219
	—	—	—	—	—
Remaining December 31, 1940	137	58	1	0	196
The average number of residents for the year					207
The highest number of residents for the year					228
The lowest number of residents for the year					196
The total number cared for during the year					415

Of the one hundred and ninety-seven admissions during the year, seventy-five males and nineteen females were born in Cambridge; twenty-nine males and sixteen females were born in other cities and towns in Massachusetts; six males and seven females were born in other states. The total number of native-born citizens was one hundred and forty-five of which one hundred and ten were males and forty-two females. The total number of foreign born was forty-five, of which thirty-seven were males and eight were females.

The youngest person admitted was a male baby three months old. The oldest person admitted was a male ninety-one years of age. The admissions by age group were as follows:

<i>Age Group</i>	<i>Male</i>	<i>Female</i>
0-10	22	12
10-20	7	3
20-30	2	1
30-40	17	7
40-50	20	5
50-60	38	6
60-70	21	7
70-80	14	6
80-90	5	3
90-100	1	0
	—	—
	147	50

DISCHARGES

Of those persons discharged during the year, the longest time in the Home was a woman whose residence was six years five months, twenty-four days. The shortest residence was that of a man who remained only one day. The average residence of the men who were discharged during the year was five months and eighteen days. The average residence of the women who were discharged during the year was eight months and twenty days. The average residence of the boys discharged during the year was ten days, while for the girls the average residence was nine days.

Discharges during the year, for reasons other than death, were as follows:

	<i>Male</i>	<i>Female</i>
Other institutions	20	17
To work	25	3
To friends	3	1
To relatives	7	6
Old Age Assistance	9	1
To own home	15	10
To board outside	11	4
Walked out	34	9
Other reasons	19	0
	—	—
	143	51

DEATHS

During the year, twenty-five residents of the Home died. This was the lowest death rate for the past six years. Of those who died in the Home, twelve were males and six were females; five male residents and two females died at the Cambridge City Hospital. The longest time spent in the Home for the men was twenty years, six months and twenty days. The longest time for the women was thirty-five years and three days. The shortest time for the men in the Home was one month and eight days; and for the women was one year, four months and twenty-four days. The average length of stay for the men who died in the Home during the year was four years, six months, and eighteen days. The average length of stay for the women who died in the Home during the year was nine years, one month and four days.

ENTERTAINMENTS

Throughout the year, various social, civic, fraternal and religious organizations in the city presented programs of entertainment for the enjoyment of the residents of the Home. These programs are herewith briefly described.

MAYOR'S DAY

The annual Mayor's Day entertainment was presented on New Year's Day under the direction of Maurice Corkery, manager of the Central Square Theatre, and Al Bates. Charles "Sandy" Chapman presided as master of ceremonies. His Honor, Mayor John W. Lyons, spoke briefly to the residents of the Home and extended his greetings of the season. Acting Superintendent and Chairman of the Board of Public Welfare, Thomas P. Dillon, expressed his appreciation to the entertainers and members of the committee for the exceptionally fine program.

MASSACHUSETTS EDUCATIONAL PROJECT

Through the coöperation of William Haddon, state supervisor, and M. T. Seaver, supervisor of District 2, weekly musical concerts were given at the Home throughout the year by the following units of the Federal Music Project: Somerville orchestra, Everett orchestra, Malden orchestra, and the American Folk Singers.

CANTABRIGIA FRIARS

A vaudeville show for the enjoyment of the residents of the Home was presented on Sunday, March 10, by the Cantabrigia Friars under the direction of Charles B. Joseph.

IMMACULATE CONCEPTION PLAYERS

A three-act comedy, "Big Hearted Herbert," was presented on Sunday, March 17, by the Immaculate Conception Players under the direction of Rev. John F. Broderick.

MINSTREL SHOW

Rev. Thomas Tierney led a group of young people from the Blessed Sacrament Parish to the Home for the annual presentation of an enjoyable minstrel show.

NEWFOUNDLAND SOCIAL CLUB

A three-act comedy, "Introducing Susan," was presented by the Newfoundland Social Club on Sunday, April 14, under the direction of Mrs. Winifred DeLouchrey.

MOTHERS' DAY

The annual Mothers' Day program was sponsored again by Court Louise, Catholic Daughters of America. The date was Sunday, May 12. Mrs. Ellen Shea, Grand Regent, led the delegation of members who presented gifts of candy and tobacco. Mrs. William D. Berkeley, chairman of the committee on arrangements, presided as mistress of ceremonies.

MOTION PICTURES

A motion picture program and musical selections were presented for the enjoyment of the residents of the Home on Sunday, June 16, by Leo P. McCabe of Cambridge, and Miss Mary Grady of West Roxbury.

CENTRAL LABOR UNION

President Howard Litchfield led a large delegation of members of the Cambridge Central Labor Union to the Home on Sunday, May 23, to present a varied program of entertainment. A generous supply of ice cream and cake was presented by the organization for distribution at the Sunday evening meal.

FLAG RAISING

An inspiring patriotic program was held on Sunday afternoon, July 21, when members of the Cambridge Post No. 27, American Legion, presented and raised an American flag. The ceremonies were held on the lawn in front of the Home and were participated in by the residents and staff. Presentation of the flag was made by Commander Timothy Mahoney. Peter J. Cahill, Chairman of the Board of Public Welfare, accepted the gift on behalf of the residents of the Home. Music was provided by the Junior American Legion Band.

COLUMBUS DAY

Following their annual custom, members of Cambridge Council No. 74, Knights of Columbus, visited the Home to present an

entertainment program and to distribute gifts of candy and tobacco to the residents. Past Grand Knight George F. Oleson and Grand Knight Thomas Herlihy presided.

MOVIES

Through the efforts of former Superintendent John T. Shea several programs comprised of recently released moving pictures were presented during earlier part of the year.

THANKSGIVING DAY

For the fourteenth consecutive year, the Misses Copp of 7 Chester Street, Cambridge, supplied the turkeys which were served for the Thanksgiving Day meal.

FATHER CALLANAN DAY

Commemorating the memory of the late beloved pastor of St. Peter's Church, Observatory Hill, December 18 was observed at the Home as "Father Callanan Day." On this anniversary of Father Callanan's ordination to the priesthood, Rev. Stephen F. Moran celebrated Mass in the auditorium. Gifts of candy, tobacco and ice cream, purchased from the income of the fund bequeathed for this purpose, were distributed to all residents of the Home.

CHRISTMAS PROGRAMS

The observance of the Christmas season at the Home began on Sunday, December 22, when members of North Cambridge Council, Knights of Columbus, led by Grand Knight Dr. George W. Draper, and members of the Columbian Squires visited the Home. A program of entertainment was presented. Candy and tobacco were distributed to the residents.

On Christmas Eve, the Cambridge High School carolers visited the Home and presented a program of Christmas music under the direction of Benedict FitzGerald and Thomas Quinn, supervisors of music.

Carolers from Christ Church led by Rev. Francis B. Sayre and a group from the Broadway Baptist Church also visited the Home on Christmas Eve.

A quintet of cornetists from the Junior American Legion Band played several Christmas selections as they stood around the brilliantly lighted outdoor Christmas tree.

On Christmas Day, men and women who were physically able went to the homes of relatives and friends, while those who remained in the Home enjoyed a complete Christmas dinner and visits from their relatives and friends throughout the day.

As is customary, the entire building was decorated with Christmas greens and wreaths purchased with the interest from the Sarah E. Russell Fund, bequeathed for this purpose.

GIFTS

On behalf of all the residents of the Home, we gratefully acknowledge gifts of magazines, books, clothing, candy, fruit and flowers which were received throughout the year from many kind and thoughtful individuals and organizations.

RELIGIOUS SERVICES

Catholic and Protestant religious services were held throughout the year at the Home for the spiritual comfort of the residents.

We are deeply grateful to Rev. Francis V. Murphy, D.D., pastor of St. Peter's Church, and to the curates of the church for their untiring efforts to bring spiritual solace to the Catholic residents of the Home.

Miss Margaret M. Worcester of 5 Bryant Street, Cambridge, secretary of the Associated Protestant Churches, has earned the gratitude of the residents of the Home for arranging Protestant religious services for the entire year.

The Misses Copp conducted religious services at the Home on the first Sunday of each month throughout the year.

Rev. Francis B. Sayre of Christ Church conducted Protestant religious services at the Home on each Sunday during the summer months.

The gratitude of the residents of the Home and the Staff is expressed to Mr. George S. Tucker of Arlington, a communicant of Christ Church, who has visited the Home weekly throughout the year, bringing good cheer and happiness to his many friends among the residents.

ACKNOWLEDGMENT

The Superintendent acknowledges with sincere gratitude the splendid coöperation which he received from the entire staff of the Home; the help and encouragement which he received from

the Board of Public Welfare and Secretary James E. Finnegan. The Superintendent is also deeply grateful to kind-hearted individuals and organizations who aided in the administration of the affairs of the Cambridge Home for Aged and Infirm during 1940.

Respectfully submitted,

WILLIAM C. CONWAY,
Superintendent.

ANNUAL REPORT OF THE
CAMBRIDGE CITY HOSPITAL
For the Year Ending December 31, 1940

OFFICERS, 1940

Board of Trustees

LAWRENCE C. FELONEY, *Chairman*

JOHN H. HURLEY

JOHN J. CARVER

DANIEL A. LYNCH

THOMAS P. DILLON

GERTRUDE D. STAPLETON, R.N., *Superintendent*

GERTRUDE A. GRANFIELD, R.N., *Assistant Superintendent*

REPORT OF TRUSTEES

To His Honor the Mayor and City Council:

The Board of Trustees of the Cambridge City Hospital submit herewith the twenty-fourth annual report of the Hospital for the year ending December 31, 1940.

The reports of the Superintendent, the Director of Social Service, the Pathologist and Dietitian, together with detailed statistics, are also submitted herein, and made part of this report.

The Board of Trustees organized January 30, 1940, by the election of Mr. Lawrence C. Feloney as chairman for the year 1940. Mr. John J. Carver was elected vice-chairman, and Mr. Owen F. McCall secretary, for the same period.

Mr. Thomas P. Dillon was appointed in May of this year as a member of the Board of Trustees to serve for the term of five years from May 1, 1940, to succeed Morris L. Dressler, M.D., resigned.

The completion and opening of Cahill House, with its facilities for the care of maternity and gynecological patients, was an outstanding achievement. The dedication was held Sunday evening, January 28. Mayor Lyons accepted the keys from Mr. McLaughlin, of the firm of McLaughlin & Burr, Architects. Mayor Lyons then turned the keys over to Mr. Lawrence Feloney, chairman of the Board of Trustees, who presided at the exercises.

Brief speeches were made by the Mayor and members of the Board of Trustees.

Miss Stapleton, Superintendent, had a group of nurses on hand to guide the people attending on a tour of inspection. There is no question that the added unit was from every viewpoint an absolute need. A comparison of the statistical information for previous years shows a decided increase in the number of private patients admitted; and the Trustees feel that the Cambridge City Hospital can take its place among the most modern and up-to-date hospitals. Dr. Sydney Grace, who served his internship at Cambridge City Hospital, was appointed Resident Physician at Cahill House. His appointment was the first of its kind in the history of the Institution.

DIABETIC CLINIC

The necessity and importance of a Diabetic Service and Clinic at the Hospital was apparent, and after due consideration was established. Dr. Charles Finnerty, well qualified in this field, was consulted, and on surveying the available facilities reported that we were well equipped to do this work. Dr. Finnerty was appointed to the staff to create and take charge of the Diabetic Service and Out-Patient Clinic.

STAFF

During the year the Trustees met several times with Staff members, and many important changes were made to favor and encourage the younger members of the Staff.

The Surgical Department was divided into four services, each to consist of one surgeon and two visiting surgeons. The period of each service is three months in each year.

The surgeon-in-chief will have two services yearly, in addition to having a general oversight of the Hospital.

The Medical Service was divided into six services, each to consist of one senior visiting physician and one visiting physician. The period of each service for the senior is two months per year and three months each year for visiting physicians.

The Obstetrical Service was divided into four services, each to consist of one senior visiting obstetrician and one junior visiting obstetrician. The period of each service is three months each year.

Dr. Frederick Lynch, chief obstetrician, was permitted to establish a Teaching Clinic at Cahill House in conjunction with Tufts Medical School, and to allow a clinical clerk in residence.

RULES AND BY-LAWS

With the rapid development of the various departments of the Hospital since its founding, the code of rules and by-laws established at that time have become somewhat obsolete. Accordingly, the Trustees met with the members of the Staff, and a committee of three, consisting of two members of the Board of Trustees and one member of the Staff, was appointed to draw up a revised set of rules and by-laws.

NEW APPOINTMENTS, RESIGNATIONS AND DEATHS

Dr. Peter Mueller was appointed to the position of resident roentgenologist on January 30 of this year. This position was established in the agreement between Harvard University and the Hospital, in connection with the Harvard X-Ray Unit. The salary for Dr. Mueller and the maintenance of the unit are furnished by Harvard University. The appointment of Dr. Mueller was approved by Harvard Medical School, and endorsed by the Staff and the Trustees.

This arrangement resulted from a request by Mayor Lyons to have Harvard University pay taxes for some of its property. Harvard responded by making this very definite contribution to the efficiency and quality of X-ray service rendered to the public.

We record with the deepest regret the death of Dr. Edward J. O'Rourke who was connected with the Hospital for many years. Dr. O'Rourke, who died November 20, served his internship at this Hospital and devoted a large part of his great experience, wisdom, and energy to the Hospital throughout all his professional life.

We have to record with deep regret the resignation, because of ill health, of Dr. Wright P. Hewitt, who for many years served faithfully as chief in the Division of Laryngology.

The nurses' graduation was augmented by an innovation in the form of citations to Dr. Harry H. Germain, Dr. Felix F. McGirr, Trustee John H. Hurley, and Superintendent Gertrude D. Stapleton, R.N. These citations for long and meritorious service were awarded by Trustee Daniel A. Lynch.

CONCLUSION

The year 1940 is marked by the continued improvement and development of the Hospital. A total of twelve regular meetings and eight special meetings were held during the year.

In our report of last year, we called attention to the necessity of a new Service Building, and an addition to the Nurses' Home. While the funds were not appropriated, the Board still believes that there is a definite need for these additions, and that it is only a matter of time before the service to the patients will be impaired unless the above-mentioned buildings are constructed.

The Trustees wish to record their appreciation for the support given to the Hospital by his Honor the Mayor and the members of the City Council. Our Hospital Staff and Personnel is to be commended for its excellent work, and for its genuine interest and loyalty to the Hospital.

Yours respectfully,

LAWRENCE C. FELONEY, *Chairman*

JOHN H. HURLEY

JOHN J. CARVER

DANIEL A. LYNCH

THOMAS P. DILLON

Board of Trustees of Cambridge City Hospital

STAFF OF CAMBRIDGE CITY HOSPITAL

BOARD OF CONSULTATION

MEDICINE

James P. O'Hare, M.D., 520 Commonwealth Avenue, Boston.

OBSTETRICS

Frederick Good, M.D., 20 Commonwealth Avenue, Boston.

CARDIOLOGY

Alton Graybiel, M.D., 270 Commonwealth Avenue, Boston.

PEDIATRICS

Martin English, M.D., 520 Commonwealth Avenue, Boston.

Augustine McGarry, M.D., 482 Commonwealth Avenue, Boston.

DERMATOLOGY

William MacDonald, M.D., 270 Commonwealth Avenue, Boston.

UROLOGY

Edward J. O'Brien, M.D., 270 Commonwealth Avenue, Boston.

NEUROLOGY

Maxwell E. MacDonald, M.D., 270 Commonwealth Avenue, Boston.

HEMATOLOGY

William C. Moloney, M.D., 39 Bay State Road, Boston.

OPHTHALMOLOGY

William P. Beetham, M.D., 5 Bay State Road, Boston.

PATHOLOGY

Timothy Leary, M.D., 784 Massachusetts Avenue, Boston.

SURGICAL DIVISION

Harry H. Germain, M.D., Surgeon-in-Chief, 479 Commonwealth Avenue, Boston.

SENIOR VISITING SURGEONS

Harry H. Germain, M.D., 479 Commonwealth Avenue, Boston.

Daniel F. Mahoney, M.D., Copley Plaza Hotel, Boston.

Edward J. O'Brien, M.D., 270 Commonwealth Avenue, Boston.

VISITING SURGEONS

Edward T. Downey, M.D., 475 Commonwealth Avenue, Boston.

Emilio D'Errico, M.D., 44 Lawrence Road, Medford.

Edward W. Feeley, M.D., 15 Medford Street, Arlington.

Henry F. Groden, M.D., 464 Commonwealth Avenue, Boston.

William G. O'Connor, M.D., 329 Broadway, Cambridge.

Llewellyn H. Rockwell, M.D., 270 Commonwealth Avenue, Boston.

Edward Ormsby, M.D., 22 Carruth Street, Dorchester.

John F. Collins, M.D., 87 Endicott Avenue, Revere.

John B. Vernaglia, M.D., 80 High Street, Medford.

Morris Dressler, M.D., 1610 Massachusetts Avenue, Cambridge.

MEDICAL DIVISION**PHYSICIAN-IN-CHIEF**

Felix F. McGirr, M.D., 1436 Cambridge Street, Cambridge.

SENIOR VISITING PHYSICIANS

John F. Fair, M.D., 81 Dana Street, Cambridge.

Leo T. Myles, M.D., 1776 Massachusetts Avenue, Cambridge.

Andrew Downing, M.D., 147 Mt. Auburn Street, Cambridge.

J. Allan Thompson, M.D., 900 Massachusetts Avenue, Cambridge.

VISITING PHYSICIANS

Joseph Brusch, M.D., 843 Massachusetts Avenue, Cambridge.

William Archibald, M.D., 837 Massachusetts Avenue, Cambridge.

Samuel Grosberg, M.D., 306 Huron Avenue, Cambridge.

Albert Poirier, M.D., 2179 Massachusetts Avenue, Cambridge.

DIVISION OF ORTHOPEDICS**ORTHOPEDIC SURGEON-IN-CHIEF**

B. A. Godvin, M.D., 483 Beacon Street, Boston.

ORTHOPEDIC SURGEONS

Arthur Sargent, M.D., 645 Beacon Street, Boston.

William H. Lanigan, M.D., 187 Main Street, Medford.

DIVISION OF LARYNGOLOGY**SURGEON-IN-CHIEF**

Wright P. Hewitt, M.D., 52 Brattle Street, Cambridge.

VISITING SURGEONS

Arthur Morrissey, M.D., 155 High Street, Medford.

Willis E. Clarke, M.D., 483 Beacon Street, Boston.

Walter Jellis, M.D., 71 College Avenue, Somerville.

Cornelius Hickey, M.D., 39 Bay State Road, Boston.

DIVISION OF OBSTETRICS**OBSTETRICIAN-IN-CHIEF**

Frederick J. Lynch, M.D., 475 Commonwealth Avenue, Boston.

SENIOR VISITING OBSTETRICIANS

Phillip P. McGovern, M.D., 1525 Cambridge Street, Cambridge.

James F. Conway, M.D., 989 South Street, Roslindale.

Cornelius J. O'Connor, M.D., 475 Commonwealth Avenue, Boston.

David Rose, M.D., 483 Beacon Street, Boston.

VISITING OBSTETRICIANS

Joseph B. Doyle, M.D., 20 Commonwealth Avenue, Boston.

John R. Barker, M.D., 1101 Beacon Street, Boston.

Joseph Bradley, M.D., 476 Commonwealth Avenue, Boston.

Phillip Shea, M.D., 35 Cameron Avenue, Cambridge.

DIVISION OF PEDIATRICS**PEDIATRICIAN-IN-CHIEF**

Eugene F. Gorman, M.D., 183 Main Street, Watertown.

PEDIATRICIANS

Frank T. Downey, M.D., 239 Huron Avenue, Cambridge.
Christopher E. Egan, M.D., 68 Trapelo Road, Belmont.
Thomas A. Conners, M.D., 3 Pine Street, Belmont.

DIVISION OF OPHTHALMOLOGY

OPHTHALMIC SURGEON-IN-CHIEF

Hugh C. Donahue, M.D., 520 Commonwealth Avenue, Boston.

OPHTHALMIC SURGEONS

Arthur Morrissey, 155 High Street, Medford.
Cornelius S. Hickey, M.D., 39 Bay State Road, Boston.

DIVISION OF DENTISTRY

DENTAL SURGEON-IN-CHIEF

Joseph B. Rockett, M.D., 520 Beacon Street, Boston.

DENTAL SURGEONS

Dr. Frank McLean, 140 Federal Street, Boston.
Dr. Matthew Shea, 1218 Massachusetts Avenue, Cambridge.
Dr. Francis K. Mulcahy, 1218 Massachusetts Avenue, Cambridge.
Dr. Carl C. Larsen, 1374 Massachusetts Avenue, Cambridge.
Dr. Thomas F. Trainor, 5 Boylston Street, Cambridge.
Dr. William Griffin, 520 Beacon Street, Boston.
Dr. Jonathan T. Edwards, 130 North Washington Street, North Attleboro.
Dr. Ralph Metters, 130 North Washington Street, North Attleboro.
Dr. William Wellock, 520 Beacon Street, Boston.
Dr. Richard Walsh, 5 Craigie Circle, Cambridge.

DERMATOLOGY AND SYPHILOLOGY

DERMATOLOGIST-IN-CHIEF

Walter Garfield, M.D., 19 Bay State Road, Boston.

ROENTGENOLOGY

Frederick W. O'Brien, M.D., Chief Roentgenologist, 465 Beacon Street, Boston.
Arthur P. Shinney, M.D., Assistant Roentgenologist, 465 Beacon Street, Boston.

NEUROLOGY AND PSYCHIATRY

Charles Brenner, M.D., Visiting Neurologist, 185 Winthrop Road, Brookline.
Henry M. Baker, M.D., Visiting Neuro-Psychiatrist, 371 Commonwealth Avenue, Boston.

ANESTHESIA

William A. Noonan, M.D., Anesthetist-in-Chief, 270 Commonwealth Avenue, Boston.

CARDIOLOGY

Joseph A. Brusch, M.D., Cardiologist (until successor is appointed), 843 Massachusetts Avenue, Cambridge.
Edward Barron, M.D., Assistant Cardiologist, Slater Building, Worcester.

ALLERGY CLINIC

William Archibald, M.D., 837 Massachusetts Avenue, Cambridge.

RESIDENT PATHOLOGIST

Leon K. Bauldauf, M.D., 1787 Cambridge Street, Cambridge.

DIVISION OF OUT-PATIENTS**CHIEF OF OUT-PATIENTS****VISITING SURGEONS, O.P.D.**

Lawrence T. Mullen, M.D., 10 Hollis Street, Cambridge.
Frank J. Sullivan, M.D., 151 Mt. Auburn Street, Cambridge.
Charles Brusch, M.D. (Rectal Clinic), 843 Massachusetts Avenue, Cambridge.
John T. McGirr, M.D., 1436 Cambridge Street, Cambridge.
Alphonse C. Kallan, M.D., 475 Commonwealth Avenue, Boston.
Ernest J. Vogel, M.D. (Varicose Vein), 288 Massachusetts Avenue, Arlington.
Harold A. Rudy, M.D. (Varicose Vein), 292 Harvard Street, Cambridge.

VISITING PHYSICIANS, O.P.D.

Arthur Serino, M.D., 125 Magazine Street, Cambridge.
Charles W. Finnerty, M.D. (Diabetic Clinic), 15 Bay State Road, Boston.
John McKillop, M.D., 381 Broadway, Cambridge.

ORTHOPEDIC VISITING SURGEONS, O.P.D.

Fred L. DiGiacomo, M.D., Surgeon, 584 Columbia Road, Dorchester.
Stephen J. Malone, M.D., Assistant Surgeon, 490 Commonwealth Avenue, Boston.
Waldo W. Robbins, M.D., Assistant Surgeon (Physiotherapy), 65 Hillside Road, Watertown.
Thomas E. Caulfield, M.D., Assistant Physician (Allergy), 14 Church Avenue, Woburn.

VISITING PEDIATRICIANS, O.P.D.**VISITING DERMATOLOGISTS AND SYPHILOLOGISTS, O.P.D.**

Arthur Simmons, M.D., 1284 Commonwealth Avenue, Boston.
E. A. Lafreniere, M.D., 230 Massachusetts Avenue, Arlington.
George Schwartz, M.D., Assistant, 311 Commonwealth Avenue, Boston.
Bernard Goldberg, M.D., Assistant, 1242 Commonwealth Avenue, Boston.

REPORT OF THE SCHOOL OF NURSING, 1940

The School of Nursing has had a progressive year during 1940. Sixty-nine students entered the School during the year and of this number fifty-one met our standards physically and intellectually and were allowed to pursue the course of three years' duration offered by the School. The census of our School has been the largest this year since its foundation in 1917 when it numbered three students. On December 31, 1940, one hundred and three students were enrolled. At graduation exercises in December of this year diplomas were awarded to seventeen graduates. All graduates of the School passed the examinations of the Board of Registration of Nurses and became registered in Massachusetts.

Our School of Nursing is proud to go on record as having answered the first call for the defense of our country. Although having a comparatively young school and small graduate group, ten of its number are on active duty throughout the country and its possessions as Army nurses.

Expansion of our Nursing Library has been continuous. Last spring a representative of the Boston Medical Library spent several weeks listing its contents to form a part of the Master List of available medical material in the Metropolitan District. Our Library was adjudged by him as one of the finest and most complete for a School of Nursing of its size in this area.

During the year the number of field trips for student nurses was increased and definitely correlated with various courses in the curriculum. These trips were made by the students to the Boston Psychopathic Hospital, Walter Fernald School for Mental Deficiency, Perkins Institution for the Blind, The Massachusetts State Nurses' Association Headquarters, Cambridge Municipal Water Works, and H. P. Hood & Company in Charlestown and Beverly.

November brought in its wake a large Penny Sale which was supported and aided by all groups of hospital employees. This splendid co-operation made our venture a successful one, and as a result all the expenditures necessary to give our little patients in Children's Ward a happy Christmas were covered. Among other needs which were supplied from this fund were the following: the furnishing of our student nurses' recreation room, improvement of library facilities, the purchase of a moving picture machine and a screen. We were also able to sponsor the

Occupational Therapy Project for our Children's Ward by providing the necessary material to be used under the direction of Miss Myrtle Gordon, who so generously gives her services gratis two days weekly to this commendable work.

Grateful acknowledgment is made to the Class of 1940 for their gift of a combination victrola and radio, and to Miss Ethel Patterson, Class of 1940, who donated a piano. Both of these instruments were intended for the nurses' recreation room and have already afforded our students much pleasure.

Respectfully submitted,

GERTRUDE D. STAPLETON, R.N.,

Superintendent.

ANNUAL REPORT OF SOCIAL SERVICE DEPARTMENT FOR THE YEAR 1940

In 1940 there were 1,625 patients referred to the Department; 840 of this number were patients known through Pre-Natal Clinic and 799 were referred through the House and Out-Patient Clinics, and are known as "General Cases."

The Pre-Natal patients pay toward their confinement when reporting to the clinic. The amount of individual payments depends on the income of the family. In 1940 the total payments made were \$2,476.02 as compared with \$687.00 paid in 1939. This "small payment" arrangement is a distinct help to the patient whose confinement bill is often met in full before the birth of the baby. If for any reason the patient is not confined in the Cambridge City Hospital, the money paid is refunded.

With the opening of Cahill House, Social Service moved to the new building and assumed the full responsibility of registration of pre-natal patients, prior to their being seen in the clinic. This weekly interview on Tuesday afternoons affords the Social Worker an opportunity to discuss a plan with the prospective mother. If she is not eligible for care in the Cambridge City Hospital, other plans are suggested according to the social findings. There are two Pre-Natal Clinics held on Monday and Wednesday mornings; the Post-Partum Clinic is held on Friday mornings. In the year which has just ended there were 63 illegitimately pregnant women referred to the Department. This particular group requires skilled care and guidance.

Of the 799 general patients known to Social Service 463 were House cases and 336 were known to the various clinics. The services rendered this group are varied: convalescence care for male and female patients; chronic patients were given permanent care; Rose Hawthorne Lathrop Home for cancer patients; Holy Ghost Hospital; Pondville State Hospital; and the various public institutions. For those patients coming within the provisions of the Old Age Assistance Bureau, Nursing Home Care was arranged through the co-operation of the Bureau. Other services offered were medical check-up following hospitalization; transportation to the clinics provided by the Red Cross Motor Corps; home visits to discharged patients; supplying of medicine, teeth, orthopedic appliances, glasses and "special diets," or other needs met by the Department. The Children's Ward in the Pediatric Clinic referred many patients requiring particular planning. Summer convalescence for children with poor physical background means much toward the winter of good health. Through the year children are sent to Wellesley Convalescent Home for whatever period of time their convalescence requires.

To the social agencies, public and private, who have co-operated with this Department through the year, appreciation is expressed. Without this co-operation our social planning could not have been effected.

Respectfully submitted,

BEATRICE K. QUINN,
Director.

DETAILED REPORT OF CLINICAL LABORATORY

Urinalysis

Routine	8,590
Functional	566
Quantitative	1,207
Others	1,574

Blood Examinations

R.B.C.	4,702
W.B.C.	4,714
Differentials	1,654
Hemoglobins	4,664
Bleeding and clotting times	234
Typing	564
Wassermanns	3,654
Cultures	129

Blood Chemistry

Blood sugar	811
Blood urea	6
N.P.N.....	593
Creatinin.....	13
Uric acid.....	20
Others.....	324

Tissues

Gross.....	579
Microscopic.....	579

Spinal Fluid

Cell count	48
Gold solution.....	31
Cultures.....	18
Others.....	258

Gastric analysis.....	70
Stool examinations.....	228
Bacterial smears.....	764
Pneumococcus typing.....	41
Sputa.....	151
Throat cultures.....	129
Metabolisms.....	195
Autopsies.....	88
Miscellaneous.....	579

 39,100
REPORT OF THE SPECIAL DIET KITCHEN, 1940

During the year 1940, the Special Diet Kitchen served 8,398 diets. This figure does not include the 2,960 formulae prepared for the Pediatric Service on Wards B and H.

Several new types of diets were added in accordance with the new advances in the treatment of bleeding peptic ulcers. The Meulengracht diet was used a few times but the Andresen diet was found to be more satisfactory.

A new Diabetic Out-Patient Clinic was organized in 1940 and the dietitian attends, giving dietetic information to the patients.

In 1940, 22 student nurses received special instruction in the kitchen in addition to the courses given in the class room. This period of instruction lasts for 30 days.

Appended is a detailed report of the diets prepared in the Special Diet Kitchen during the year 1940.

Respectfully submitted,

E. MARIAN OLIVER,
Dietitian.

DETAILED REPORT OF THE SPECIAL DIET KITCHEN

Andresen	36
Bland	230
Bland — low residue	19
Asthmatic, without eggs or wheat	15
Colitis	22
Diabetic	1,917
Fat free	105
1,500 caloric	28
Gastrostomy	3
High caloric	1,080
High caloric — liquid	8
High caloric — low residue	30
High carbohydrate	2
High protein	254
High residue	8
High vitamin	235
High vitamin — fat free	9
Ketogenic	19
Low caloric	14
Low fat	965
Low protein	50
Low residue	254
Low salt	16
Meulengracht	10
Modified sippy	1,550
Nephritic	610
Obesity	650
Pernicious anemia	88
Salt free	141
Soft solid	30
	8,398

BRIEF STATEMENT OF EXPENDITURES AND RECEIPTS

January 1, 1940 to December 31, 1940

Salaries	\$196,881 61
Services other than personal	17,463 78
Equipment	3,001 02
Supplies	159,593 08
Special items	4,732 82
	\$381,672 31
Received from patients January 1, 1940 to December 31, 1940	\$74,303 98

STATISTICS FROM JANUARY 1, 1940 THROUGH DECEMBER 31, 1940

Total admissions to the Hospital during the year.....	7,459
Medical admissions.....	1,441
Surgical admissions.....	2,044
Obstetrical admissions.....	1,235
Newborn admissions.....	1,080
Stillborn admissions.....	32
Orthopedic admissions.....	396
Aural admissions.....	721
Oral admissions.....	33
Ophthalmic admissions.....	75
Dermatological admissions.....	1
Daily average of patients in the Hospital.....	221
Largest number of patients in the Hospital in one day.....	276
Smallest number of patients in the Hospital in one day.....	178
Patients treated in Out-Patient Department.....	15,660
Total number of visits to Out-Patient Department.....	52,310
Patients treated in Accident Room.....	10,462
Patients remaining in Hospital January 1, 1940.....	184
Patients remaining in Hospital December 31, 1940.....	274
Patients treated in X-Ray Department.....	8,527
Number x-rayed.....	6,767
Number fluoroscoped.....	782
Number receiving x-ray therapy.....	978

DISCHARGES AND THEIR CLASSIFICATION

Year ending December 31, 1940

Specific Infectious Diseases. General Diseases

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Abscess of abdominal wall	2	...	..
Abscess of arm	5	3	..
Abscess of leg	5	2	..
Abscess, subungual	1	...	..
Carbuncles	8	6	1
Cellulitis of arm	11	1	..
Cellulitis of face	6	...	..
Cellulitis of foot	8	...	..
Cellulitis of hand	1	...	..
Cellulitis of leg	6	1	..
Cellulitis of neck	3	1	..
Cellulitis of nose	1	...	..
Chicken-pox	3	...	..
Dysentery, bacillary	2	...	..
Dysentery, Sonne	9	...	..
Encephalitis, chronic	1	...	..
Epidermophytosis of foot	3	...	..
Epidermophytosis of hand	1	...	..
Epidermophytosis of leg	4	...	..
Epididymitis, gonorrheal	1	...	..
Erysipelas of arm	1	...	..
Erysipelas of face	6	...	..
Felon	3	4	..
Furuncle of ankle	1	...	..
Furuncle of arm	5	1	..
Furuncle of face	2	1	..
Furuncle of hand	1	...	..
Furuncle of leg	1	...	..
Furuncle of lip	1	...	..
Furuncle of neck	2	...	..
Furuncle of nose	1	...	..
Furunculosis	10	...	..
Gas gangrene infection of foot	1	1	..
Gonococcus infection	4	...	..
Grippe	3	...	..
Impetigo contagiosa	3	...	..
Infections, acute	42	11	..
Infections, acute, upper respiratory	187	...	..
Measles	3	...	..
Meningitis, meningococcic	2	...	..
Meningitis, tuberculous . . . . .	....	...	1
Meningitis, undetermined type . . . . .	....	...	1
Mononucleosis, acute infectious	1	...	..
Paronychia	4	3	..
Pleurodynia	1	...	..
Pneumonia, broncho	194	...	15
Pneumonia, hypostatic	3	...	..
Pneumonia, lobar	105	...	23
Poliomyelitis, old	2	...	..
Rheumatic fever	24	...	..
Salpingitis, gonorrheal	1	...	..
Scarlet fever	5	...	..
Sepsis, general	2	...	3

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Septic sore throat	6	...	..
Staphylococcic infection, general	2	...	..
Syphilis of aorta with aneurism	1	...	1
Syphilis of central nervous system	13	...	..
Syphilis, congenital	2	...	..
Syphilis, primary	2	...	..
Syphilis, secondary	2	...	..
Syphilis, tertiary	65	...	..
Thrush	5	...	..
Tuberculosis of kidney	2	...	..
Tuberculosis of lungs	42	...	3
Tuberculosis of lymph nodes	1	1	..
Tuberculosis of omentum	1	1	1
Tuberculosis of peritoneum	...	...	1
Tuberculosis of spine	1	...	..
Tuberculosis of spleen	1	...	..
Typhoid fever	2	...	..
Ulcer of foot	1	1	..
Ulcer of leg	3	...	..
Urethritis, gonorrheal	4	...	..
Whooping-cough	2	...	..

Diseases due to Animal Parasites

Pediculosis	8	...	..
Scabies	7	...	..
Tenia solium	1	...	..
Trichomoniasis	1	...	..

Diseases of Metabolism and Deficiency

Acidosis, diabetic	1	...	..
Avitaminosis	9	...	..
Diabetes, insipidus	1	...	..
Diabetes, mellitus	103	...	8
Diabetic conditions of eye	1	...	..
Gangrene, diabetic	8	1	..
Obesity	45	...	..
Pellagra	9	...	..
Scurvy	3	...	..
Tetany, infantile	1	...	..

Diseases Peculiar to Infancy

Asphyxia neonatorum	...	...	2
Atelectasis neonatorum	1	...	6
Dehydration	1	...	..
Diarrhea	6	...	..
Feeding, regulation of	13	...	..
Hemorrhage, intracranial of newborn	1	...	1
Hemorrhagic disease of newborn	...	...	2
Indigestion, gastric, in infants	1	...	..
Indigestion, intestinal, in infants	1	...	1
Malnutrition	22	...	1
Marasmus	6	...	..
Ophthalmia neonatorum (not gonorrhea)	1	...	..
Prematurity	11	...	12
Rickets	3	...	..

Diseases Due to Physical Agents

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Burns.....	33	15	2
Burns, electrical.....	1	...	..
Burns, X-ray.....	1	...	..
Exposure to cold.....	3	...	..
Frostbite of foot.....	1	...	..
Heat prostration.....	2	...	..

Poisonings and Intoxications

Alcoholism, acute.....	215	...	5
Alcoholism, chronic.....	124	...	5
Dipsomania.....	1	...	..
Ingestion of mercurochrome.....	1	...	..
Poisonings, acute.....	36	...	1

Tumors, Benign and Malignant

Adenofibroma of breast.....	2	2	..
Adenoma of rectum.....	1	3	..
Adenoma of thyroid.....	6	4	..
Carcinoma of bladder.....	2	1	..
Carcinoma of breast.....	9	5	2
Carcinoma of cervix uteri.....	15	7	1
Carcinoma of colon.....	2	2	5
Carcinoma of ear.....	1	...	..
Carcinoma of epiglottis.....	...	1	1
Carcinoma of esophagus.....	1	2	3
Carcinoma of face.....	1	1	..
Carcinoma of gall-bladder.....	....	1	1
Carcinoma of larynx.....	....	...	1
Carcinoma of lip.....	2	5	1
Carcinoma of liver.....	2	...	1
Carcinoma of lungs.....	1	...	2
Carcinoma of mouth.....	1	...	..
Carcinoma of ovary.....	2	1	..
Carcinoma of pancreas.....	3	2	2
Carcinoma of prostate.....	4	5	2
Carcinoma of rectum.....	3	5	2
Carcinoma of spine.....	1	...	..
Carcinoma of stomach.....	7	...	8
Carcinoma of tongue.....	2	1	..
Carcinoma of uterus.....	5	4	..
Carcinomatosis.....	6	...	3
Chorio-epithelioma.....	1	...	..
Cyst of abdomen.....	1	1	..
Cyst of bone.....	3	1	..
Cyst of breast.....	1	1	..
Cyst of broad ligament.....	1	1	..
Cyst of buttock.....	1	1	..
Cyst of face.....	1	...	..
Cyst of cervix.....	1	1	..
Cyst of liver.....	....	1	1
Cyst of ovary.....	30	17	..
Cyst of vulva.....	1	1	..
Epithelioma of ear.....	1	1	..
Epithelioma of face.....	2	1	..
Fibroadenoma of breast.....	2	...	..
Fibroid uterus.....	27	20	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Fibroma of breast.....	3	3	..
Glioblastoma of brain.....	....	1	1
Hemangioma of arm.....	2	...	..
Hypernephroma.....	1	1	..
Keloid.....	1	1	..
Lipomata.....	4	1	..
Mucocele.....	1	1	..
Myxoma peritonei.....	1	1	..
Neoplasm of stomach.....	1	...	..
Neurofibromatosis.....	1	...	..
Nevus.....	1	...	..
Osteochondroma of humerus.....	1	1	..
Osteoma of nasal bone.....	1	1	..
Papilloma of abdomen.....	1	1	..
Papilloma of bladder.....	8	3	..
Papilloma of breast.....	1	1	..
Papilloma of neck.....	1	1	..
Polypus, cervical.....	4	...	..
Polypus, nasal.....	1	...	..
Polypus, rectal.....	1	...	..
Sarcoma of breast.....	1	1	..
Sarcoma of femur.....	1	2	..
Teratoma.....	1	...	..
Tumor of bone.....	1	1	..
Tumor of brain.....	1	...	..
Tumor of breast.....	2	1	..
Tumor of esophagus.....	1	...	..
Tumor of lung.....	1	...	..
Wen of neck.....	1	1	..
Wen of shoulder.....	1	1	..

Congenital Malformations

Aberrant renal vessel.....	1	...	..
Anomaly of vertebra.....	1	...	..
Atresia, congenital.....	....	...	1
Dislocation, congenital.....	1	...	..
Heart disease, coarctation of aorta.....	....	...	1
Heart disease, congenital (unqualified).....	....	...	1
Meningocele.....	2	...	..
Pilonidal sinus.....	11	10	..
Ptosis of eyelid, congenital.....	1	1	..
Spina bifida.....	1	...	..
Thyro-glossal cyst.....	1	...	..
Undescended testicle.....	4	2	..

Injuries

Abrasions.....	122	...	..
Amputation, traumatic.....	5	5	..
Avulsion of teeth.....	2	...	..
Bite, bee.....	1	...	..
Bite, dog.....	2	...	..
Bite, mosquito.....	1	...	..
Concussions.....	99	...	..
Contusions.....	285	...	..
Crush of hand.....	1	1	..
Dislocations.....	23	...	..
Displaced cartilage.....	1	...	..
Foreign body in antrum.....	1	1	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Foreign body in arm	1	1	..
Foreign body in back	1	1	..
Foreign body in finger	1	1	..
Foreign body in foot	3	3	..
Foreign body in hand	5	5	..
Foreign body in knee	3	2	..
Foreign body in leg	1	1	..
Foreign body in neck	1	1	..
Fractures, comminuted	35	7	..
Fractures, compound	37	23	..
Fractures, compound, comminuted	3	3	..
Fractures, impacted	8	...	..
Fractures, simple	316	19	3
Fractures of skull	31	3	11
Fractures of vertebrae . . . . .	....	...	1
Hematomata	43	1	..
Injury, intracranial	1	...	1
Injuries, internal . . . . .	....	...	1
Laceration of brain	6	...	1
Loosened teeth	1	...	..
Perforation of antrum	1	1	..
Periosteal tear	3	...	..
Rupture of bladder	1	...	..
Rupture of cartilage	2	2	..
Rupture of kidney	1	1	..
Rupture of liver . . . . .	....	...	1
Rupture of spleen	1	1	..
Rupture of tendon	1	...	..
Rupture of tympanic membrane	4	...	..
Rupture of urethra	1	...	..
Rupture of viscera . . . . .	....	...	1
Sprains	21	....	..
Strains	38	...	..
Subluxation	2	...	..
Wounds, lacerated	188	8	..
Wounds, lacerated, tendon	17	15	..
Wounds, puncture	9	...	..

Diseases of the Skin

Abscess, axillary region	3	3	..
Abscess of back	3	...	..
Abscess of buttocks	10	5	..
Abscess of face	1	1	..
Abscess of groin	3	1	..
Abscess of hand	2	2	..
Abscess of leg	4	1	..
Abscess of mandible	1	...	..
Abscess of neck	1	...	..
Abscess of perineum	1	1	..
Abscess of scalp	1	1	..
Abscess, submaxillary	1	1	..
Abscess, submental	4	2	..
Abscess of thumb	1	...	..
Acanthosis nigricans	1	...	..
Acne rosacea	4	...	..
Acne vulgaris	1	...	..
Albinismus	1	...	..
Alopecia	1	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Dermatitis	9	...	..
Dermatitis, buttocks	7	...	..
Dermatitis, hands	1	...	..
Dermatitis herpetiformis	1	...	..
Dermatitis medicamentosa	1	...	..
Dermatitis, seborrheic	1	...	..
Dermatitis, toxic	2	...	..
Dermatitis venenata	3	...	..
Eczema	9	...	..
Eczema of hand	1	...	..
Eczema, infantile	6	...	..
Erythema marginatum	1	...	..
Erythema multiforme	1	...	..
Herpes simplex	8	...	..
Ichthyosis	1	...	..
Impetigo	4	...	..
Intertrigo	3	...	..
Psoriasis	2	...	..
Urticaria (cause unknown)	2	...	..

Diseases of the Circulatory System

Angina pectoris	9	...	..
Aneurism, dissecting, of aorta . . . . .	....	...	1
Aortitis (non-syphilitic)	1	...	..
Arterio-sclerosis of feet	1	...	..
Arterio-sclerosis, general	121	...	8
Auricular extra-systoles	1	...	..
Auricular fibrillation	48	...	..
Cardiac asthma	9	...	1
Cardiac decompensation	54	...	..
Circulatory collapse	1	...	1
Cor pulmonale	1	...	..
Coronary occlusion	31	...	19
Dilatation of heart, acute . . . . .	....	...	2
Dilatation of heart, chronic	1	...	..
Endocarditis, acute bacterial	2	...	3
Enlargement of heart	6	...	..
Gangrene, arterio-sclerotic of feet	3	1	1
Heart block	3	...	..
Heart disease, arterio-sclerotic	153	...	56
Heart disease, hypertensive	147	...	23
Heart disease, hypertensive with nephritis	3	...	4
Heart disease, rheumatic	86	...	12
Hypertension, essential	105	...	13
Hypertension, secondary	11	...	..
Hypotension	6	...	..
Infarction of heart	2	...	..
Irritable heart	1	...	..
Myocardial insufficiency	13	...	1
Myocarditis, acute	2	...	1
Myocarditis, chronic	12	...	1
Pericardial effusion	1	...	..
Pericarditis	4	...	..
Phlebitis	8	1	..
Pyelophlebitis	1	...	..
Tachycardia	2	...	..
Thrombophlebitis	8	...	..
Thrombosis, femoral	1	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Thrombosis, iliac arteries	1	...	1
Thrombosis, mesenteric	1	...	2
Thrombosis, renal	1	...	..
Thrombosis, saphenous	1	...	..
Ulcer of leg	4	...	..
Valvular disease, chronic cardiac: aortic insufficiency	4	...	..
Valvular disease, chronic cardiac: aortic stenosis . .	6	...	..
Valvular disease, chronic cardiac: aortic stenosis and insufficiency	1	...	..
Valvular disease, chronic cardiac: mitral insufficiency	7	...	1
Valvular disease, chronic cardiac: mitral stenosis . .	5	...	..
Valvular disease, chronic cardiac: mitral stenosis and insufficiency	29	...	..
Varicose ulcer	18	1	..
Varicose veins	53	28	..
Ventricular extra-systoles	1	...	..

Diseases of the Lymphatic System

Abscess, axillary region	2	1	..
Abscess, cervical region	16	13	..
Abscess, inguinal region	5	5	..
Lymphadenitis, axillary region	11	...	..
Lymphadenitis, cervical region	38	...	..
Lymphadenitis, inguinal region	4	...	..
Lymphadenitis, leg	3	...	..
Lymphadenitis, maxillary region	1	1	..
Lymphadenitis, mesenteric	3	...	..
Lymphadenitis, sub-mental	1	1	..
Lymphangitis of arm	7	...	..
Lymphangitis of axillary region	2	...	..
Lymphangitis of foot	1	...	..
Lymphangitis of leg	3	...	..

Diseases of the Blood and Blood-Forming Organs

Anemia, atypical	1	...	..
Anemia, macrocytic	2	...	..
Anemia, pernicious	16	...	1
Anemia, primary	1	...	..
Anemia, secondary	64	...	1
Leukemia, aleukemic . . . . .	....	...	1
Lymphoblastoma (Hodgkin's)	1	...	..
Purpura, anaphylactoid	1	...	..
Purpura, thrombocytopenic	1	...	..

Diseases of the Endocrine Glands

Adrenal apoplexy . . . . .	....	...	1
Hyperthyroidism	14	8	..
Hypertrophy, persistent, of thymus . . . . .	....	...	1
Hypothyroidism	1	...	..

Diseases of the Nervous System

Arterio-sclerosis, cerebral	13	...	1
Cephalagia, post-traumatic	2	...	..
Convulsions, epileptiform	2	...	..
Convulsions (type unknown)	2	...	..
Convulsions, post-encephalitic	1	...	..
Degeneration, subacute, of spinal cord with per- nicious anemia	3	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Dementia, senile	11	...	..
Edema, angio-neurotic	1	...	..
Edema of brain	1	...	1
Epilepsy	34	...	..
Epilepsy, idiopathic	10	...	..
Feeble-mindedness	1	...	..
Hematoma, sub-dural . . . . .	....	...	1
Hemiplegia	16	...	..
Hemorrhage into cerebrum	28	...	28
Meningitis (unqualified) . . . . .	....	...	1
Mental deficiency	5	...	..
Myasthenia gravis	1	...	..
Myositis	1	...	..
Narcolepsy	1	...	..
Neuralgia, sciatic nerve	4	...	..
Neuralgia, trifacial nerve	2	2	..
Neurasthenia	3	...	..
Neuritis, traumatic	1	...	..
Neuritis, multiple, alcohol	4	...	..
Neuritis, peripheral	2	...	..
Neurosis	8	...	..
Paralysis agitans	3	...	..
Paralysis, facial	4	2	..
Paranoia and paranoid conditions	3	...	..
Psychoneurosis	33	...	..
Psychosis, alcoholic	52	...	1
Psychosis, dementia praecox	3	...	..
Psychosis, involutional melancholia	1	...	..
Psychosis, manic-depressive	7	...	..
Psychosis, senile	11	...	..
Psychosis, toxic	2	...	..
Psychosis with somatic disease	1	...	..
Radiculitis	1	...	..
Sclerosis, amyotrophic lateral . . . . .	....	...	1
Sclerosis, multiple	3	...	..
Spasm, cerebro-vascular	1	...	..
Spasm: singultus	1	...	..
Syncope	3	...	..
Syndrome, post-encephalitic	1	...	..
Thrombosis, cerebral	13	...	7

Diseases of Bones, Joints, Muscles, Tendons and Fascia

Adhesions, knee joint	2	3	..
Ankylosis, joint	9	...	..
Arthritis, acute	1	...	..
Arthritis, acute infectious	12	1	..
Arthritis, chronic	44	...	..
Arthritis, chronic general	18	...	..
Arthritis deformans	2	...	..
Atrophy of bones, generalized	1	...	..
Bursitis, foot	3	1	..
Bursitis, sub-gluteal	1	1	..
Bursitis of knee	7	2	..
Bursitis of olecranon	1	1	..
Bursitis of shoulder	5	...	..
Contraction, cicatricial	1	...	..
Epiphysitis	1	...	..
Fracture, pathological	2	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Ganglia	3	3	..
Hallux valgus	4	3	..
Osteitis deformans	2	...	..
Osteitis of tibia	1	...	..
Osteochondritis dissicans	1	...	...
Osteomyelitis, acute	8	4	..
Osteomyelitis, chronic	21	14	..
Osteoporosis	2	...	..
Pronated feet	1	...	..
Scoliosis	1	...	..
Strain of muscles, postural	4	...	..
Synovitis, acute	1	...	..
Synovitis, traumatic	3	...	..
Tenosynovitis of finger	2	2	..
Torticollis (non-spasmodic)	1	1	..

Diseases and Injuries of the Ear and Eye

Diseases of the Ear

Foreign body in external auditory canal	1	...	..
Mastoiditis, acute	13	9	..
Mastoiditis, chronic	7	8	..
Mastoiditis, sub-acute	1	...	..
Myringitis	1	...	..
Otitis media, acute	91	1	1
Otitis media, chronic	21	...	..
Salpingitis—Eustachian tube	1	...	.

Diseases of the Eye

Abscess of eyelid	1	1	..
Amaurosis	1	...	..
Arcus senilis	3	...	..
Atrophy of optic nerve	1	...	..
Blepharitis	2	...	..
Burn of cornea	1	...	..
Cataracts	38	14	..
Cellulitis of orbit	1	...	..
Conjunctivitis, acute	11	...	..
Conjunctivitis, chronic	1	...	..
Dacryocystitis	2	...	..
Dislocation of lens, traumatic	1	...	..
Emphysema of orbit	1	...	..
Entropion	2	1	..
Glaucoma	5	5	..
Hemianopsia	1	...	..
Hemorrhage, sub-conjunctival	3	...	..
Herpes zoster ophthalmicus	1	...	..
Hordeolum	3	...	..
Hyphemia	1	...	..
Iritis	4	...	..
Keratitis	4	1	..
Neuritis, optic	1	...	..
Opacity of vitreous	1	...	..
Panophthalmitis	1	...	..
Papilloedema	1	...	..
Perforation of cornea (non-traumatic)	1	...	..
Prolapse of iris	2	2	..
Pterygium	1	...	..
Ptosis of lid	1	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Retinitis.....	1	...	..
Retinitis, albuminuric.....	1	...	..
Rupture of cornea.....	1	1	..
Strabismus.....	17	11	..
Wound of cornea, perforating.....	1	1	..

Diseases of the Nose and Accessory Sinuses

Abscess of septum.....	1	...	..
Deviation of nasal septum.....	5	4	..
Displacement of nasal septum.....	1	...	..
Epistaxis.....	7	...	..
Ethmoiditis.....	1	...	..
Furuncle of nose.....	1	...	..
Hypertrophy of turbinates.....	1	1	..
Infection of antrum, chronic.....	1	1	..
Perforated nasal septum.....	1	...	..
Rhinitis, acute.....	5	...	..
Rhinitis, atrophic.....	1	...	..
Sinusitis, acute.....	13	...	..
Sinusitis, chronic.....	15	...	..
Sinusitis, sub-acute.....	3	1	..

Diseases of the Mouth, Lips, Cheeks, Pharynx and Palate

Abscess of palate.....	1	...	..
Abscess of parotid gland.....	1	1	..
Abscess, peritonsillar.....	15	...	..
Abscess, pharyngeal.....	1	...	..
Concretion in parotid gland.....	1	...	..
Hypertrophy of adenoids.....	1	...	..
Hypertrophy of tonsils.....	6	4	..
Hypertrophy of tonsils and adenoids.....	558	554	..
Naso-pharyngitis.....	27	...	..
Parotitis (not mumps).....	2	1	..
Pharyngitis, acute.....	108	...	..
Pharyngitis, chronic.....	3	...	..
Stomatitis.....	1	...	..
Tonsillitis, acute.....	99	...	..
Tonsillitis, chronic.....	16	...	..
Vincent's angina.....	7	...	..

Diseases of the Jaw, Teeth and Gums

Abscess, alveolar.....	15	8	..
Abscess of tooth.....	5	...	..
Dental caries.....	9	6	..
Extraction of teeth.....	2	...	..
Gingivitis.....	4	...	..
Hemorrhage of gums.....	2	...	..
Loose tooth.....	1	...	..
Pericementitis.....	2	...	..
Pyorrhea alveolaris.....	6	2	..
Unerupted teeth.....	1	...	..

Diseases of the Esophagus

Diverticulum of esophagus.....	2	...	..
Foreign body in esophagus.....	6	2	..
Stricture of esophagus.....	1	...	..
Varix, esophageal.....	1	...	1

Diseases of the Stomach

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Foreign body in stomach.....	3	...	..
Gastritis, alcoholic.....	18	...	..
Gastritis, acute.....	18	...	..
Gastritis, chronic.....	8	...	..
Gastritis, hypertrophic.....	1	...	..
Hemorrhage, gastric.....	1	...	..
Neurosis, gastric.....	1	...	..
Ulcer of stomach.....	18	2	3
Ulcer of stomach, perforating.....	2	1	3

Diseases of the Intestines

Adhesions, intestinal.....	10	...	..
Adhesions, peritoneal.....	4	2	..
Appendicitis, acute.....	128	121	1
Appendicitis, acute with abscess.....	1	1	..
Appendicitis, acute with perforation.....	29	31	3
Appendicitis, acute with peritonitis.....	3	4	2
Appendicitis, chronic.....	25	14	..
Appendicitis, sub-acute.....	49	33	..
Colitis, acute.....	2	...	..
Colitis, chronic.....	2	...	..
Colitis, mucous.....	1	...	..
Colitis, spastic.....	2	...	..
Colitis, ulcerative.....	1	...	..
Constipation.....	68	...	..
Diarrhea.....	1	...	..
Dilatation of colon.....	1	...	..
Diverticulitis.....	3	...	..
Diverticulitis with perforation.....	...	...	1
Diverticulosis of colon.....	4	...	..
Enteritis, acute.....	3	...	..
Enteroptosis.....	1	...	..
Fistula, fecal.....	3	2	1
Fistula, intestinal.....	1	...	..
Foreign body in intestines.....	1	...	..
Gastro-enteritis.....	58	...	..
Hemorrhage, intestinal.....	1	...	..
Indigestion, acute.....	6	...	..
Obstipation.....	1	...	..
Obstruction, intestinal.....	9	5	4
Paralytic ileus.....	1	...	..
Polyposis of colon.....	1	...	..
Ulcer, duodenal.....	48	2	2
Ulcer, duodenal with perforation.....	4	4	2
Ulcer, jejunal.....	1	...	..

Diseases of the Liver and Biliary Tract

Abscess, sub-hepatic.....	1	...	..
Atrophy, acute yellow, of liver.....	...	...	1
Cholecystitis, acute.....	11	3	..
Cholecystitis, chronic.....	45	18	2
Cholecystitis, sub-acute.....	3	1	..
Cholelithiasis.....	35	10	..
Cirrhosis of liver.....	19	...	1
Congestion of liver, chronic passive.....	7	...	..
Hepatitis, toxic.....	1	...	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Jaundice, catarrhal	7	...	..
Jaundice, obstructive	2	...	..
Rupture of gall-bladder	2	1	..
Diseases of the Abdomen and Peritoneum in General			
Adhesions, pelvic	3	1	..
Ascites	4	...	..
Diastasis of recti	2	...	..
Fistula, abdominal	2	...	..
Hernia, femoral	2	1	..
Hernia, inguinal	90	52	..
Hernia, inguinal, strangulated	2	2	1
Hernia, umbilical	10	3	..
Hernia, ventral	23	6	..
Hernia, ventral, strangulated	...	1	1
Peritonitis, general	8	1	2
Peritonitis, pelvic	2	...	1
Relaxed inguinal ring	1	...	..
Sinus, supra-pubic	1	...	..
Diseases of the Rectum and Anus			
Abscess, ischio-rectal	13	12	..
Abscess, peri-rectal	7	5	..
Abscess, rectal	2	1	..
Fissure ani	2	1	..
Fistula in ano	5	4	..
Hemorrhoids	26	17	..
Laceration of sphincter ani	1	1	..
Proctitis	1	...	..
Prolapse of rectum	1	...	..
Diseases of the Larynx			
Laryngitis, acute	10	...	..
Laryngitis, chronic	1	...	..
Diseases of the Trachea and Bronchi			
Bronchiectasis	13	...	..
Bronchitis, acute	86	...	..
Bronchitis, chronic	29	...	..
Tracheitis	1	...	..
Diseases of the Lungs			
Abscess of lung	1	...	..
Atelectasis	4	...	..
Collapse of lung	1	...	..
Congestion of lungs, acute	5	...	..
Congestion of lungs, chronic passive	11	...	..
Edema of lungs, acute	5	...	2
Embolism, pulmonary	1	...	4
Emphysema of lungs	14	...	1
Infarct of lung	3	...	1
Diseases of the Pleura and Mediastinum			
Empyema of pleura	13	10	2
Hemopneumothorax	1	...	..
Hemothorax	1	...	1
Pleurisy, acute fibrinous	13	...	..
Pleurisy, sero-fibrinous	13	...	..
Pneumothorax	9	...	1

Diseases of the Kidney and Ureter

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Abscess of kidney	2	...	..
Abscess, perinephric	2	1	..
Calculus, ureteral	7	1	..
Colic, renal	10	...	..
Colic, ureteral	1	...	..
Hydronephrosis	8	1	..
Nephritis, acute	5	...	1
Nephritis, arterio-sclerotic	8	...	..
Nephritis, chronic	9	...	1
Nephritis, chronic with edema	3	...	..
Nephrolithiasis	10	2	..
Pyelitis	46	...	..
Pyelonephritis	12	1	..
Pyonephrosis	2	2	..
Stricture of ureter	1	...	..
Uremia, acute	5	...	..
Uremia, chronic	1	...	..

Diseases of the Bladder

Calcified bladder	1	...	..
Cystitis, acute	3	...	..
Cystitis, chronic	12	...	..
Fistula, supra-pubic	1	...	..
Retention of urine	15	1	..
Vesical calculus	3	1	..

Diseases of the Urethra, Male and Female

Stricture of urethra	9	8	..
Urethritis, acute	4	...	..
Urethritis, chronic	2	...	..

Diseases of the Male Generative Organs

Abscess, pelvic	1	...	..
Atrophy of testicle	1	...	..
Balanitis	4	...	..
Calculi, prostatic	1	...	..
Epididymitis, acute	5	1	..
Hydrocele	10	5	..
Hypertrophy of prostate	35	15	2
Paraphimosis	5	4	..
Phimosis	33	30	..
Prostatitis, acute	1	...	..
Redundant prepuce	1	1	..
Torsion of spermatic cord	1	1	..
Varicocele	2	...	..

Diseases of the Female Generative Organs

Abscess of Bartholin's gland	2	2	..
Abscess, pelvic	6	3	..
Abscess, tubo-ovarian	2	...	..
Abscess, vulvo-vaginal	7	6	..
Anteflexion of uterus	1	...	..
Atresia of vagina	1	1	..
Bartholinitis	1	1	..
Corpus luteum, hemorrhagic	2	...	..
Dysfunction of ovary	2	1	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Dysmenorrhea	3	..	..
Endocervicitis	15	8	..
Endometriosis	3	2	..
Endometritis	16	7	..
Endometritis, hyperplastic	7	9	..
Erosion of cervix uteri	9	2	..
Fibrosis of uterus	5	4	..
Fistula, vaginal	1	..	..
Fistula, vesico-vaginal	2	..	..
Hydrosalpinx	2	1	..
Laceration of cervix uteri	6	..	..
Laceration of perineum	3	..	..
Leucorrhea	1	..	..
Menopause	12	1	..
Menorrhagia	10	2	..
Metrorrhagia	3	..	..
Oophoritis, chronic	1	..	..
Pelvic inflammation	48	4	..
Pruritis vulvae	1	..	..
Relaxed pelvic floor with cystocele	6	2	..
Relaxed pelvic floor with rectocele	1	..	..
Relaxed pelvic floor with cystocele and rectocele	24	11	..
Relaxed pelvic floor with prolapse of uterus	13	8	..
Retroflexion of uterus	1	..	..
Retroversion of uterus	31	5	..
Rupture of hymen	1	..	..
Salpingitis, acute	4	1	..
Salpingitis, chronic	7	6	1
Stenosis of cervix uteri	1	1	..
Sterility	1	..	..
Vaginitis	1	..	..
Vulvitis	1	..	..
Vulvo-vaginitis	1	..	..

Diseases and Conditions Peculiar to the Puerperal State

Abortion	13	8	..
Abscess of breast	2	1	..
Abscess, pelvic	2	2	..
Cellulitis, pelvic	1	..	..
Hemorrhage, post-partum	1	1	..
Hydorrhea gravidarum	1	..	..
Hyperemesis gravidarum	5	..	..
Miscarriage	94	61	..
Miscarriage, threatened	28	1	..
Newborn infants	1,063	..	..
Newborn infants delivered at home	3	..	..
Parturition	1,095	34	..
Parturition delivered at home	2	..	..
Phlebitis, pelvic	1	..	..
Pregnancy, extra-uterine	6	6	..
Pregnancy, normal	144	1	..
Pregnancy with toxemia	12	..	..
Premature separation of placenta	8	..	..
Prolapse of cord	3	..	..
Puerperium	1	..	..
Pyelitis of pregnancy	3	..	..

	<i>Number Discharged</i>	<i>Number Operated</i>	<i>Number Died</i>
Retained secundines	7	2	..
Stillborn	...	...	32
Subinvolution of uterus	2	...	..

Diseases of the Breast, Male and Female

Abscess of breast	2	1	..
Mastitis, chronic	8	7	..

Allergy

Asthma, bronchial	58	...	1
General malaise following toxoid injection	2	...	..
Sensitivity to anti-tetanus serum	25	...	..
Status asthmaticus	1	...	..
Urticaria	3	...	..

Abnormalities of Urine

Hematuria	1	...	..
---------------------	---	-----	----

Ill-Defined or Unclassified Diseases

Cachexia	1	...	..
Debility	2	...	..
Decubitus	4	...	..
Diagnosis deferred	25	...	..
Exhaustion	3	...	..
Fatigue	1	...	..
Gangrene	1	...	..
Hemorrhage, post-operative	8	...	1
Immersion	1	...	..
Ingrown toenail	4	4	..
Malnutrition	15	...	1
No diagnosis	13	...	..
No disease	15	...	..
Shock, surgical	3	...	..
Shock, traumatic	6	...	2
Suicide, attempted	14	...	..
Suicide	2	2	2

ORDINANCES

PASSED TO BE ORDAINED FROM JANUARY 1, 1940
TO DECEMBER 31, 1940

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours in Certain Streets. (b) No person shall park a vehicle for more than one hour between midnight and 11 a.m. on the following streets or parts of streets — is hereby amended by including in the list of streets under the heading "In Vicinity of Harvard Square" the following:

Hilliard Street, southerly side.

Passed to be ordained January 16, 1940.

Approved by the Mayor, January 18, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Carleton Street, west side, between Main Street and Deacon Street, and substituting in place thereof the following:

Carleton Street, westerly side, between Broadway and Deacon Street.

Passed to be ordained January 23, 1940.

Approved by the Mayor, January 25, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."
Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Warren Street, westerly side, between Cambridge Street and the Somerville Line.

Passed to be ordained February 13, 1940.

Approved by the Mayor, February 15, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Construction, Use, Maintenance and Inspection of Buildings."

Be it ordained by the City Council of the City of Cambridge as follows:

Whereas, because of procedure followed before and by the Planning Board in connection with the ordinance approved April 27, 1939 entitled "An Ordinance in Amendment to an Ordinance entitled 'Construction, Use, Maintenance and Inspection of Buildings' " doubt has arisen as to the validity of said ordinance approved April 27, 1939, and

Whereas it is desirable that said ordinance approved April 27, 1939 be re-enacted

1. Section 12 of the Ordinance adopted December 31, 1923, and approved January 7, 1924, entitled "Construction, Use, Maintenance and Inspection of Buildings," is hereby amended by inserting the word and figure "or 5" in the second line of the fourth unnumbered paragraph thereof after the words and figure "Building District 4" so that the said paragraph shall read as follows:

"Where any portion of a residence district lies within the boundaries of a Building District 4 or 5, as designated on the zoning map, no building in such portion of a residence district shall be used or erected which is arranged, intended or designed to be used for any one or more of the following classes of use as defined in Section 10:"

2. Section 16 of said Ordinance is hereby amended by striking out the word "four" in the second line, and substituting the word "five" therefor, and by striking out the word "and" and the figure "4" in the fourth line, and substituting the word and

figures "4 and 5" therefor so that the said Section shall read as follows:

"Section 16. For the purpose of this ordinance, the City of Cambridge is hereby divided into five classes of building districts, designated Building Districts 1, 2, 3, 4 and 5, respectively, as shown on the zone map which accompanies this ordinance and is hereby declared to be part thereof. The building districts designated on said map are hereby established. The building district map designations and map designation rules which accompany said zone map are hereby declared to be part thereof. No building or part of a building shall be erected and no existing building shall be altered, enlarged or rebuilt, except in conformity with the regulations herein prescribed for the district in which the building is located."

3. The zone map accompanying said Ordinance is hereby amended:

(a) by striking out the designation R-4 as shown on said zone map and substituting in place thereof the designation R-5 insofar as the said zone map relates to the area bounded and described as follows:

Beginning at a point in the easterly line of Reservoir Street 100 feet distant northerly from the northeasterly corner of Reservoir Street and Highland Street; thence easterly parallel to and 100 feet distant northerly from Highland Street 1,278.5 feet to the westerly line of Sparks Street; thence southerly by the westerly line of Sparks Street 240 feet to a point 100 feet southerly from the southwest corner of Sparks Street and Highland Street; thence westerly parallel to and 100 feet distant southerly from Highland Street 1,432 feet to a point 100 feet southerly from the southeast corner of Highland Street and Reservoir Street and at right angles to the southerly line of Highland Street; thence westerly by a line parallel with the last preceding course 34 feet to the southeasterly line of Reservoir Street on land of Means; thence northeasterly and northerly by the easterly line of Reservoir Street to the point of beginning. Be all of said measurements more or less.

(b) by adding to the "Map Designation Rules" now appearing thereon the words "R-5."

4. Said Ordinance is hereby amended by inserting after Section 17 thereof the following new section:

"Section 17A. In building districts R-5, no building or part thereof shall be erected to a height exceeding the width of the widest street on which the building stands, measured from the face of any such part to the line of the street on the other side, nor exceeding $2\frac{1}{2}$ stories or 40 feet in any case."

5. Said Ordinance is hereby amended by inserting after Section 24 the following new sections:

"Section 24A. In building districts R-5, no part of a building above the first floor, except one-story unenclosed porches and piazzas, shall be erected within 40 feet of the center line of any street, nor within 20 feet of the line of any street."

"Section 24B. In building districts R-5, no dwelling shall be erected or maintained, except on lots containing not less than 8,000 square feet each, and having each a frontage of not less than 75 feet, and not more than one dwelling shall be erected on each such lot, except that

(1) A lot of less than 16,000 and more than 12,800 square feet may be divided into lots containing not less than 6,400 square feet each, and each having a frontage of not less than 75 feet, and one dwelling may be erected on each such lot; and

(2) If a lot contains more than 16,000 square feet, and if, after division into as many 8,000 square foot lots as practicable, there remains a lot of 6,400 square feet or more, one dwelling may be erected on such remaining lot, provided the same has a frontage of not less than 75 feet; and

(3) One dwelling may be erected on a lot containing less than 8,000 square feet, but having a frontage of not less than 75 feet, or on a lot having a frontage of less than 75 feet but containing not less than 8,000 square feet, if before notice of the hearing on the question of the adoption of this amending ordinance was first given, the lot in question (a) was recorded or registered as a separate parcel of land in the Middlesex Registry of Deeds, or (b) was laid out on a plan accompanying a petition for a permit filed with the Superintendent and (c) did not adjoin other land of the same owner available for use in connection with said lot."

Frontage as required in the foregoing provisions of this section 24B shall be determined as follows:

In the case of a lot fronting on a street, the distance shall be measured along the street line from one side line of the lot to the other and the distance shall also be measured between said side

lines along a line which marks the required front setback of the dwelling on such lot, and the longer of said distances shall determine the frontage of such lot. In the case of a lot not fronting on any street, the distance shall be measured from one side line of the lot to the other along the line designated as the front line of the lot on the plan filed in accordance with this ordinance with the Superintendent as a part of an application for a building permit, and such distance shall determine the frontage of such lot.

“Section 24C. In building districts R-5, no two-family dwelling shall be erected or maintained so that it covers more than 25 per cent of the area of a corner lot or more than 15 per cent of the area of an interior lot.”

6. Section 26 of said Ordinance is hereby amended by inserting after the words and figure “In building district 4,” in the second full paragraph thereof, the word and figure “and R-5” so that said paragraph shall read as follows:

“In building districts 4 and R-5, no building other than an accessory building may be erected on lots 80 feet or more in depth so as to produce rear yards less than 20 feet in depth.”

7. Said Ordinance is hereby amended by inserting after Section 28 thereof the following new sections:

“Section 28A. Subject to the following Section 28B, in building districts R-5, no building shall be erected or maintained within 12 feet of a side line of a lot.”

“Section 28B. In building districts R-5, on a lot abutting on two intersecting streets, no building shall be erected or maintained within 20 feet of the line of the side street.”

8. Section 41 of said Ordinance is hereby amended by inserting in the last line of the table under the heading “Residence Buildings A” the word and figure “and R-5” so that said table shall read as follows:

“RESIDENCE BUILDINGS A

(Private dwellings, two-family dwellings; all club and boarding houses with less than five sleeping rooms above second story and not over three stories high)

	Number of Stories						
	1	2	2½	3	4	5	6 or more
District 1	2	2	2	2	2	1	1
Districts 2, 3, 4, and R-5	3-B	3-B	3-B	3-A	2	1	1

”

9. The provisions of this amending ordinance shall be construed as being additional to and not as annulling, limiting or lessening to any extent whatsoever the requirements of any other ordinance, rule or regulation, provided that, unless specifically excepted, where this amending ordinance is more stringent it shall control.

10. The invalidity of any section or provision of this amending ordinance shall not invalidate any other section or provision hereof. If, for any reason, any requirement in building districts R-5 shall be or become invalid or inoperative, then the corresponding requirement, if any, of building districts R-4 shall be and become the requirement in its place; or if none, the requirements of building districts R-4 shall be and become the requirements of building districts R-5 so far as they are not inconsistent with the remaining valid or operative requirements of building districts R-5.

11. This amending ordinance shall take effect upon its passage. It shall affect and apply not only to any building for the erection of which a permit was not issued and in force prior to such passage but also to any building for the erection of which a permit was issued prior to such passage but after notice of hearing on the question of adoption of this amending ordinance was first given.

Passed to be ordained February 27, 1940.

Approved by the Mayor, March 5, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article VII. Parking of vehicles on one-way streets.

Upon all one-way streets or parts thereof vehicles shall park on the right side of such streets only. Upon the following streets or parts thereof, vehicles shall be parked only in the manner specified — is hereby amended by striking out the following:

On Green Street between Western Avenue and Pleasant Street vehicles may stand at either curb and substituting in place thereof the following:

On Green Street, between Western Avenue and Pleasant Street vehicles may stand at the left curb.

On Green Street, between Western Avenue and a point approximately 100 feet easterly from Pleasant Street vehicles may stand at the right curb.

Passed to be ordained April 2, 1940.

Approved by the Mayor, April 4, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking prohibited on certain streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Essex Street, westerly side between Massachusetts Avenue and Austin Street.

Passed to be ordained April 23, 1940.

Approved by the Mayor, April 25, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article VII. Parking of Vehicles on one-way streets.

Upon all one-way streets or parts thereof vehicles shall park at the right side of such streets only. Upon the following streets or parts thereof vehicles shall be parked only in the manner specified — is hereby amended by adding at the end thereof the following:

On Essex Street from Massachusetts Avenue to Austin Street vehicles may stand at the left curb only.

Passed to be ordained April 23, 1940.

Approved by the Mayor, April 25, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets.

Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Thorndike Street, southerly side, between Ninth Street and Boston & Albany Railroad.

Passed to be ordained May 7, 1940.

Approved by the Mayor, May 9, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by striking out the following:

Essex Street, easterly side, between Massachusetts Avenue and Austin Street.

Passed to be ordained May 7, 1940.

Approved by the Mayor, May 9, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article VI (Advertising signs, display and storage of materials in streets, trucking and parades) is hereby amended by striking out said Section 6 and inserting in place thereof the following:

Section 6. Parades and Processions. No procession or parade, excepting the forces of the United States Army or Navy, the military forces of the Commonwealth of Massachusetts, and the forces

of the police and fire departments shall occupy, march or proceed along any way except in accordance with a permit issued by the chief of police and such other regulations as are set forth herein which may apply.

Passed to be ordained May 7, 1940.

Approved by the Mayor, May 9, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Dana Street, westerly side, between Massachusetts Avenue and a point approximately 100 feet northerly of Massachusetts Avenue.

Passed to be ordained May 7, 1940.

Approved by the Mayor, May 9, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Sale of Goods, Wares and Merchandise in the Public Ways."

Be it ordained by the City Council of the City of Cambridge as follows:

Chapter 58 of the Revised Ordinances of 1892, as amended to November 8, 1899, is hereby further amended by striking out said Chapter 58 and inserting in place thereof the following:

CHAPTER 58

Sale of Goods, Wares and Merchandise in the Public Ways.

Section 1. No person shall, except in accordance with a permit from the Superintendent of Streets, sell upon any sidewalk of any public way any goods or article to a person on such public way; or, except in accordance with a permit as aforesaid, permit to remain in any public way, for more than ten minutes, any goods or article of which he is the owner or in charge. The fee for the permit aforesaid shall be fifty cents.

Section 2. No persons shall hawk or peddle any of the articles enumerated in Section 17 of Chapter 101 of the General Laws, Tercentenary Edition, to wit: Newspapers, religious publications, ice, flowering plants, and such flowers, fruits, nuts, and berries as are wild or uncultivated until he shall have obtained a permit and badge from the Board of License Commissioners. No fee shall be charged for the permit, but a charge of seventy-five cents (\$0.75) shall be made for the badge.

The Board of License Commissioners may grant a license to hawk and peddle meats, butter, cheese, fish and fresh fruits or vegetables to a resident of the City of Cambridge who is of good repute as to morals and integrity and who is, or has declared his intention to become a citizen of the United States. The fee for said license shall be five dollars (\$5.00). This section shall not apply to any person who is not a resident of said City and who now holds a license. Nothing in this section shall be construed so as to prevent the renewal of a license held by a non-resident on the date when this section takes effect.

Section 3. No person hawking, peddling or selling or exposing for sale, any of the articles enumerated in Section 17 of Chapter 101 of the General Laws, Tercentenary Edition, shall cry his wares before the hours of 8 a.m. or after the hours of 8 p.m., or at any time to the disturbance of the peace and comfort of the inhabitants of the City.

Section 4. No hawker or peddler shall carry or convey any of the articles enumerated in Section 17 of Chapter 101 of the General Laws, Tercentenary Edition, in any manner that will tend to injure or disturb the public health or comfort, and, if such articles are perishable in their nature, they shall be conveyed in vehicles or receptacles which are neat and clean and do not leak. Any vehicles, used as aforesaid, shall have printed on them in letters and figures at least two inches in height the name of the person selling and the number given him by the Board of License Commissioners.

Section 5. No hawker or peddler shall sell any of the articles enumerated in Section 17 of Chapter 101 of the General Laws, Tercentenary Edition, when said articles are sold by weight or measure, until such weight and measure shall have been stamped by the Sealer of Weights and Measures of the City.

Section 6. The permit mentioned in Sections 1 and 2 shall state the conditions and terms under which said permission shall be granted, with all of which the licensee shall be deemed to comply by accepting the permit, and a violation of any of the terms of said permit shall of itself be a sufficient cause for the revocation thereof.

Section 7. Any person violating any of the provisions of this ordinance shall be liable to a penalty of not exceeding twenty dollars for each offence.

Passed to be ordained May 7, 1940.

Approved by the Mayor, May 9, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets, Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Inman Street, westerly side, from Massachusetts Avenue to Hampshire Street, and substituting in place thereof the following:

Inman Street, westerly side, from Austin Street to Hampshire Street.

Passed to be ordained May 28, 1940.

Approved by the Mayor, May 29, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Parking Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof — is hereby amended by adding at the end thereof the following:

Inman Street, westerly side, between Massachusetts Avenue and Austin Street.

Passed to be ordained May 28, 1940.

Approved by the Mayor, May 29, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets.

Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by striking out the following:

Bigelow Street, westerly side, from Massachusetts Avenue to Harvard Street, and substituting in place thereof the following:

Bigelow Street, westerly side, from premises numbered 15 to Harvard Street.

Passed to be ordained May 28, 1940.

Approved by the Mayor, May 29, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 3 of Article V. Parking Prohibited During Certain Hours on Certain Streets. (a) No person shall park a vehicle for more than one hour between the hours of 7 a.m. and 7 p.m. on the following streets or parts of streets — is hereby amended by adding at the end thereof the following:

Bigelow Street, westerly side, between Massachusetts Avenue and premises numbered 15 on said Bigelow Street.

Passed to be ordained May 28, 1940.

Approved by the Mayor, May 29, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Holly Avenue, from Madison Street to Huron Avenue, in a northwesterly direction.

Passed to be ordained June 11, 1940.

Approved by the Mayor, June 13, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below — is hereby amended by adding at the end thereof the following:

Shepard Street, from Massachusetts Avenue to Garden Street, in a westerly direction.

Passed to be ordained June 11, 1940.

Approved by the Mayor, June 13, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Austin Park, westerly side.

Passed to be ordained June 25, 1940.

Approved by the Mayor, June 27, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 6 of Article V. Miscellaneous Parking Prohibitions in Specified Places. (a) No vehicles shall park on the following streets or parts thereof during the hours indicated below — is hereby amended by adding at the end thereof the following:

Gore Street, both sides, between Squires Court and Seventh Street, from 7 a.m. to 7 p.m.

Passed to be ordained July 29, 1940.

Approved by the Mayor, July 31, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Assessors."

Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Chapter 3 of the Revised Ordinances of 1892 as amended to November 8, 1899 is hereby further amended by striking out the following paragraph: "Vacancies which shall arise at any time in the board of assessors shall be filled for the remainder of the municipal year by the city council in joint convention" and inserting in place thereof the following paragraph:

If a vacancy occurs at any time in the office of the board of assessors the city council shall by a majority vote of the entire city council elect a registered voter, who, at the time of election shall be a resident of the city, and who shall hold office until the qualification of a successor to be elected at the next biennial city election.

As amended Section 1 will read as follows:

Section 1. The assessors department shall be under the charge of the Board of Assessors, who shall have and exercise all the powers, and be subject to all the duties and limitations of assessors of taxes, and shall devote their entire time to the duties of the office.

If a vacancy occurs at any time in the office of the Board of Assessors the City Council shall by a majority vote of the entire City Council elect a registered voter, who at the time of election shall be a resident of the city and who shall hold office until the qualification of a successor to be elected at the next biennial city election.

Passed to be ordained August 21, 1940.

Approved by the Mayor, August 23, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic."

Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Essex Street, easterly side, between Austin Street and Harvard Street.

Passed to be ordained October 15, 1940.

Approved by the Mayor, October 17, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Parking Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof is hereby amended by adding at the end thereof the following:

Essex Street, westerly side between Austin Street and Harvard Street.

Passed to be ordained October 15, 1940.

Approved by the Mayor, October 17, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

State Street, southerly side.

Passed to be ordained October 29, 1940.

Approved by the Mayor, October 31, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Parking Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof — is hereby amended by adding at the end thereof the following:

State Street, northerly side.

Passed to be ordained October 29, 1940.

Approved by the Mayor, October 31, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 1 of Article VII. One-Way Streets. Upon the following streets or parts of streets vehicular traffic shall move only in the direction indicated below is hereby amended by adding at the end thereof the following:

Seven Pines Avenue in a southeasterly direction from Yorktown Street to the Somerville Line.

Passed to be ordained October 29, 1940.

Approved by the Mayor, October 31, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 4 of Article V. Parking Time Limited in Designated Places. No person shall park a vehicle for longer than one hour in the following described streets or parts thereof is hereby amended by adding at the end thereof the following:

Carlisle Street, both sides, between Prospect Street and a point approximately 125 feet easterly of Prospect Street.

Passed to be ordained November 26, 1940.

Approved by the Mayor, November 29, 1940.

AN ORDINANCE

In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

Blanchard Road, westerly side, between Concord Avenue and Grove Street.

Passed to be ordained December 3, 1940.

Approved by the Mayor, December 5, 1940.

AN ORDINANCE

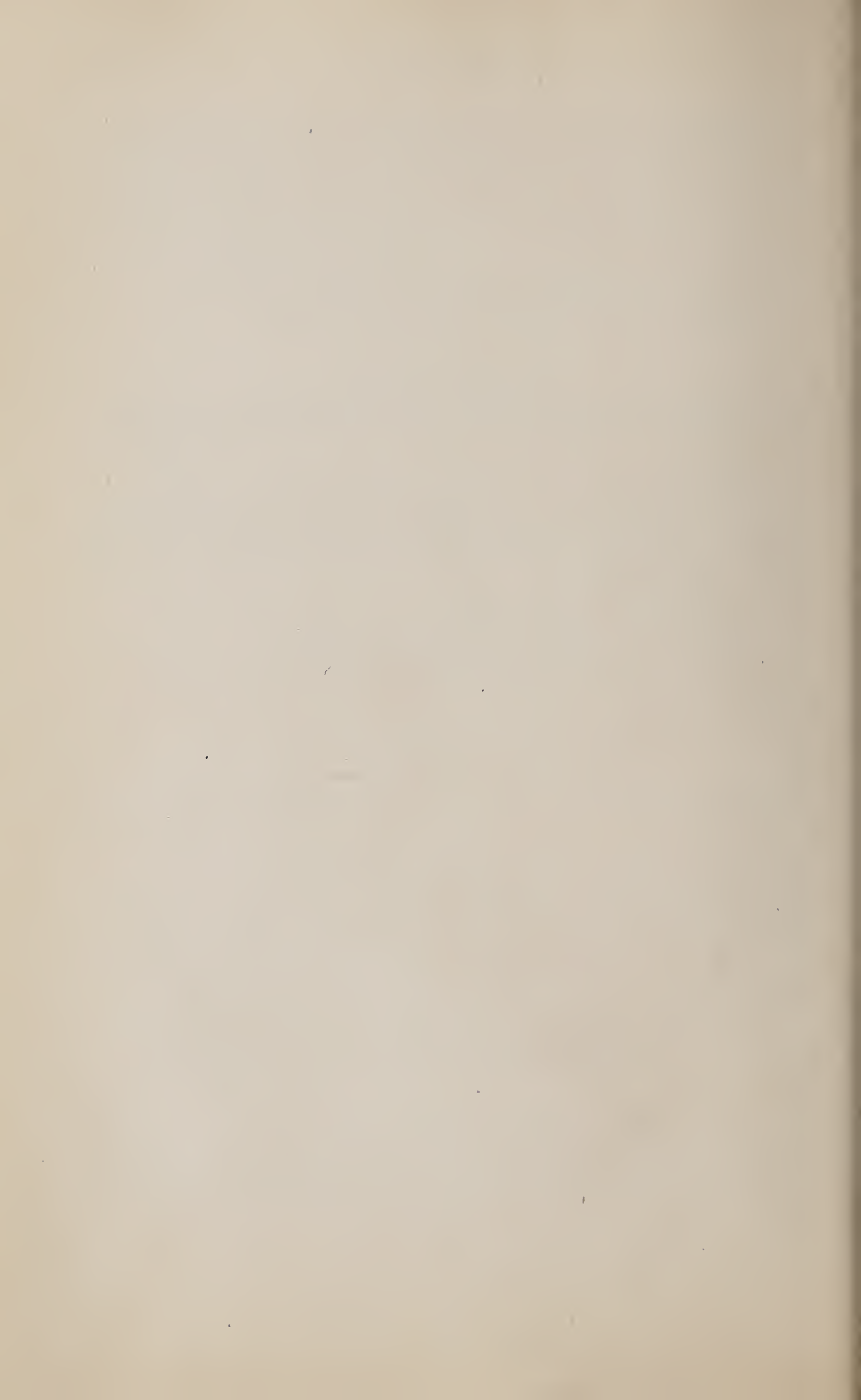
In amendment to an ordinance entitled: "Regulation of Traffic." Be it ordained by the City Council of the City of Cambridge as follows:

Section 2 of Article V. Parking Prohibited on Certain Streets. Upon the following streets or highways or parts thereof parking is hereby prohibited — is hereby amended by adding at the end thereof the following:

James Street, westerly side.

Passed to be ordained December 17, 1940.

Approved by the Mayor, December 19, 1940.



CITY OF CAMBRIDGE
MASSACHUSETTS

REPORT
OF THE
BOARD OF ELECTION
COMMISSIONERS

For the Year Ending December 31, 1940



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC

DEMOCRATIC TOTAL VOTE, 3,669

Delegates at Large to National Convention

David I. Walsh of Fitchburg	1,848
Paul A. Dever of Cambridge	2,312
John W. McCormack of Boston	1,503
Maurice J. Tobin of Boston	1,666
William H. Burke, Jr. of Hatfield	1,409
James M. Curley of Boston	1,942
Charles F. Hurley of Cambridge	1,650
Joseph B. Ely of Westfield	1,498
Francis E. Kelly of Boston	1,528
Roger L. Putnam of Springfield	1,395
William J. Foley of Boston	1,453
Alexander G. Lajoie of Worcester	1,357
Blanks	24,467

Alternate Delegates at Large to National Convention

Henry K. Cushing of Brookline	1,187
Joseph A. Scolponeti of Boston	1,257
Elizabeth L. McNamara of Cambridge	1,556
Catherine E. Hanifin of Belchertown	1,109
Sadie H. Mulrone of Springfield	1,098
Clementina Langone of Boston	1,229
Anna A. Sharry of Worcester	1,219
Margaret M. O'Riordan of Boston	1,261
John Zielinski of Holyoke	1,089
Mary Maliotis of Boston	1,092
Michael J. Batal of Lawrence	1,076
Morris Kritzman of Boston	1,086
Blanks	29,769

District Delegates to National Convention, Eleventh District

John J. Sullivan of Boston	99
John W. Drury of Boston	30
Walter Ployer of Boston	27
Philip E. Brems, Jr. of Boston	34
William H. Barker of Boston	70
Bernard L. Sullivan of Chelsea	77

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued*District Delegates to National Convention, Eleventh District—*Continued*

Felix A. Marcella of Boston	91
Daniel F. Finn of Cambridge	256
Edward J. Voke of Chelsea	24
Charles S. Sullivan, Jr. of Boston	48
Frederick J. Mangini of Boston	42
George T. Lanigan of Boston	22
Edward J. Goodfellow of Boston	9
Laurence J. Haley of Boston	10
Vincenzo J. Indelicato of Boston	26
Joseph Longo of Boston	32
Joseph R. Novello of Boston	24
John F. Welch of Boston	19
Blanks	2,348

Alternate District Delegates to National Convention, Eleventh District

Edwin J. Flynn of Boston	47
William F. Maguire of Boston	29
Frank E. Casey of Boston	32
Dennis McCarthy of Boston	50
Mario F. DiTroia of Boston	72
James J. Kiley of Boston	76
Frank T. Pedonti of Boston	81
Paul A. D'Agostino of Cambridge	337
David Newman of Chelsea	22
Francis W. Irwin of Boston	24
Samuel A. Bithoney of Boston	14
James E. Quinlan of Boston	45
Blanks	2,459

District Delegates to National Convention, Eighth District

John M. Lynch of Somerville	281
John C. Carr of Medford	263
Daniel B. Curnane of Malden	249
Francis L. Sennott of Cambridge	433
Leo A. MacCormack of Everett	34
Blanks	1,252

Alternate District Delegates to National Convention, Eighth District

John F. Cahill of Everett	227
Robert F. Murphy of Malden	217
Margaret A. Campbell of Somerville	207
Margaret Constantino of Medford	203
Blanks	1,658

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued*

District Delegates to National Convention, Ninth District

John P. Brennan of Cambridge	953
Edward O'Hearn Mullooney of Brookline	631
Daniel H. Coakley of Boston	634
Joseph P. Kennedy, Jr. of Cambridge	792
John Gerard Sullivan of Boston	159
Robert B. White of Boston	75
Blanks	4,460

Alternate District Delegates to National Convention, Ninth District

Thomas D. Lavelle of Newton	542
Mary M. Doyle of Cambridge	764
Daniel P. Collins of Cambridge	749
Charles P. Colligan of Watertown	558
Blanks	5,091

District Delegates to National Convention, Fifth District

Daniel O'Dea of Lowell	118
George T. Ashe of Lowell	113
James J. Bruin of Lowell	111
Edward W. Kenney of Woburn	129
Walter McCarron of Lowell	5
Elizabeth F. O'Sullivan of Lowell	15
Frances J. Roane of Lowell	9
Raymond A. Willett, Jr. of Woburn	8
Blanks	664

Alternate District Delegates to National Convention, Fifth District

Gerald F. Cronin of Lowell	96
Edward P. Gilgun of Woburn	85
Walter H. Wilcox of Woburn	84
Eleanor L. Daly of Cambridge	122
Edward F. Clancy, Jr. of Lowell	8
Firmo Correa of Lowell	2
John H. Gallagher of Stoneham	4
James F. McCarron of Lowell	6
Bartholomew B. O'Sullivan of Lowell	26
Blanks	739

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued*

State Committee, Second Suffolk District

William F. Brophy of Boston	5
Daniel F. Driscoll of Cambridge	38
John J. Duffy of Boston	11
John F. Nagle of Cambridge	250
Frank Totino of Cambridge	321
Blanks	197
Susan K. Donovan of Boston	70
Ella M. Galvin of Boston	78
Frances B. Winn of Boston	40
Blanks	634

State Committee, Third Suffolk District

Bernard Michael Cronin of Boston	11
Richard G. Mahoney of Boston	15
Joseph F. O'Connell, Jr. of Boston	16
George L. Pasqua of Boston	4
John Patrick Sullivan of Boston	61
Blanks	101
Mary E. Calnan of Cambridge	132
Rita M. Moylan of Boston	5
Blanks	71

State Committee, Third Middlesex District

Paul A. McCarthy of Somerville	350
George J. Moran of Somerville	36
Michael F. Skerry of Medford	1
Blanks	33
Eleanor L. Daly of Cambridge	275
Agnes T. McCarthy of Medford	21
Alice McNamara of Somerville	21
Blanks	103

State Committee, Second Middlesex District

John P. Brennan of Cambridge	337
William E. Coffey of Cambridge	40
James J. Fitzgerald of Cambridge	519
Daniel A. Lynch of Cambridge	609
John L. McDonald of Cambridge	238
Blanks	330
Agnes V. Kiely of Cambridge	1,144
Margaret M. Reardon of Cambridge	403
Blanks	526

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued*

State Committee, Middlesex and Suffolk Districts

Charles S. Donovan of Boston	19
James H. Fitzgerald of Boston	76
Blanks	51
Helen G. McCarthy of Newton	42
Blanks	104

Delegates to State Convention

Ward One

(Vote for Eight)

Joseph F. Crowley, 7 Ninth Street	901
Andrew L. Maddalo, 3 Mullins Court	321
Alice A. Monterio, 8 Marcella Street	417
Reginald J. Murphy, 140 Otis Street	530
Margaret C. Reardon, 116 Berkshire Street	667
Alice E. McCarty, 474 Windsor Street	546
Alfred Vellucci, 15 Marion Street	554
Timothy E. Carroll, 136 Gore Street	601
James J. Harney, 136 Gore Street	704
Bernard J. Karawacki, 80 Berkshire Street	515
Joseph E. Deluise, 783 Cambridge Street	492
Henry F. Buckley, 62 Ninth Street	400
Bernard P. Harney, 136 Gore Street	482
Withold Pladziewicz, 94 Fifth Street	439
William J. Corkery, 10 Palermo Street	405
Frank Totino, 74 Otis Street	888
Blanks	18,042

Ward Two

(Vote for Six)

Thomas Doherty, 213 Green Street	1
Blanks	11,735

Ward Three

(Vote for Seven)

Louis E. Skorsky, 20 Oakland Street	370
James Bradley, 387 Columbia Street	505
Francis L. Riley, 217 Elm Street	643
F. Edward McKenna, 106 Inman Street	529
John F. Clary, 56 Maple Avenue	606
Francis L. Sennott, 5 St. Mary Road	943
Henry C. McDonough, 84 Amory Street	556
Joseph B. Kelleher, 14 Greenough Avenue	682
Blanks	9,828

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued**Ward Four*

(Vote for Five)

Francis J. Roche, 406 Broadway.....	510
Daniel F. O'Brien, 907 Massachusetts Avenue.....	493
Helen McCarty, 29 Lee Street.....	409
James O. Rowe, 907 Massachusetts Avenue.....	392
Gerald S. Murphy, 11 Vail Court.....	405
Blanks.....	2,201

Ward Five

(Vote for Five)

Charles W. Reed, 228 Austin Street.....	491
Thomas McNeeley, 211 Chestnut Street.....	541
Albert F. Donnelly, 135 Pearl Street.....	418
William E. Gurry, 251 Pearl Street.....	507
Thomas Waters, 254 Sidney Street.....	406
Blanks.....	2,272

Ward Six

(Vote for Five)

Frederick J. O'Connor, 58 Putnam Avenue.....	674
M. Agnes Hanlon, 110 Kinnaird Street.....	539
John P. Brennan, 24 De Wolfe Street.....	626
Edward F. Murphy, 608 Green Street.....	595
Margaret A. Shea, 32 Putnam Avenue.....	596
Blanks.....	3,625

Ward Seven

(Vote for Five)

Julia M. Suprenard, 7 Wright Street.....	252
James P. Foley, 5 Cutler Avenue.....	275
Marion R. Marchand, 1 Gray Street.....	214
Michael J. Dee, 19 Everett Street.....	384
William H. Green, 11 Wright Street.....	249
Paul T. Murphy, 85 Museum Street.....	244
Blanks.....	2,352

Ward Eight

(Vote for Three)

Joseph V. Kiely, Jr., 23 Gurney Street.....	396
Charles E. McCool, 25 Healey Street.....	375
Joseph L. Hooley, 125 Mt. Auburn Street.....	356
Blanks.....	1,234

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued**Ward Nine*

(Vote for Seven)

William J. Dillon, 41 Aberdeen Avenue.....	551
James Mazzo, 14 Locust Street.....	334
Catharine B. McElroy, 217 Lexington Avenue.....	402
Joseph D. Murphy, 180 Lexington Avenue.....	359
Paul Clary, 38 High Street.....	572
Charles J. Munroe, 433 Huron Avenue.....	387
Edward Q. Sullivan, 10 Norman Street.....	371
Maurice F. Joyce, 90 Fayerweather Street.....	414
Francis J. Murphy, 451 Huron Avenue.....	452
John J. Good, 48 Standish Street.....	396
Daniel P. Foley, 76 Reservoir Street.....	356
James M. Landrigan, Jr., 30 Park Avenue.....	434
Walter E. Doherty, Jr., 51 Lexington Avenue.....	381
John J. Burgess, 285 Huron Avenue.....	297
Blanks.....	7,237

Ward Ten

(Vote for Six)

Mary A. Fitzgerald, 24 Russell Street.....	520
Thomas P. O'Neill, Jr., 74 Orchard Street.....	699
Leo F. Dignan, 18 Orchard Street.....	463
Thomas F. Gibson, 24 Walden Street.....	659
John J. Tierney, 182 Richdale Avenue.....	691
John J. Foley, 20 Rindge Avenue.....	557
Francis X. McCann, 14 Sherman Street.....	464
Blanks.....	6,369

Ward Eleven

(Vote for Six)

Catharine V. Danehy, 67 Montgomery Street.....	940
Kathryn A. O'Rourke, 45 Rice Street.....	823
M. Walter Madigan, 72 Montgomery Street.....	1,266
Thomas J. Hartnett, 3 Madison Avenue.....	827
Anthony L. Mottla, 63 Cameron Avenue.....	791
John F. Kelley, 35 Madison Avenue.....	1,059
Blanks.....	7,392

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued*

Ward Committees

Ward One

Joseph B. Quinn, 259 Portland Street	78
Anna M. Skelley, 83 Thorndike Street	86
Daniel F. Finn, 118 Berkshire Street	224
James J. Coady, 28 York Street	103
Reginald J. Murphy, 140 Otis Street	95
Margaret C. Reardon, 116 Berkshire Street	104
James J. Harney, 136 Gore Street	151
Joseph F. Crowley, 7 Ninth Street	115
Alice E. McCarthy, 474 Windsor Street	90
Ida J. Silva, 123 Spring Street	95
Ralph Gravalles, 102 Gore Street	367
Alfred Vellucci, 26 Eighth Street	303
Blanks	6,409

Ward Two

Edward James Carroll, 59 Columbia Street	65
Francis L. Ryan, 59 Columbia Street	69
Frederick L. Murphy, 167 Windsor Street	70
Stephen J. Lydon, 147 Columbia Street	61
Michael J. Mahoney, 216 Norfolk Street	69
John S. Burns, 147 Columbia Street	50
Agnes B. Ryan, 254 Franklin Street	70
Thomas F. Kilkenny, 227 Harvard Street	80
William M. Mahoney, 216 Norfolk Street	60
John P. Driscoll, 229 Harvard Street	54
Thomas F. Callan, 89 Norfolk Street	61
Richard E. Smith, 72 Elm Street	59
William F. Buckley, 66 Elm Street	48
Frederick L. Murphy, 163 Windsor Street	57
Thomas J. Hayes, 245 Sixth Street	50
Blanks	1,157

Ward Three

Francis L. Riley, 217 Elm Street	177
John F. Maguire, 1480 Cambridge Street	127
Joseph B. Kelleher, 14 Greenough Avenue	151
James Botelho, 1229 Cambridge Street	122
John J. O'Sullivan, 14 Oakland Street	130
Raymond C. Darling, 80 Fayette Street	139
Thomas E. Magee, 231 Hampshire Street	127
Stephen P. Coleman, 20 Greenough Avenue	130

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued**Ward Three— Continued*

Henry C. McDonough, 84 Amory Street	56
Edward J. Sweny, 14½ Fayette Street	53
Edward T. McKenna, 106 Inman Street	50
John Cleary, 58 Maple Avenue	60
Blanks	2,878

Ward Four

John R. Sennott, Jr., 384 Broadway	61
Daniel F. O'Brien, 907 Massachusetts Avenue	71
Francis J. Roche, 406 Broadway	59
William F. Galgay, 10 St. Paul Street	60
Helen A. McCarthy, 29 Lee Street	53
Hannah M. Kirby, 15 Centre Street	51
Margaret E. Barry, 102 Hancock Street	51
Archie E. Thistle, 21 Clinton Street	51
James O. Rowe, 907 Massachusetts Avenue	50
Blanks	613

Ward Five

George W. Williams, 18 Peters Street	67
Thomas E. Bryne, 123 Hamilton Street	63
William F. Walsh, 169 Allston Street	63
David G. McCollum, 119 Magazine Street	61
James F. Glennon, 17 Tufts Street	67
James E. Watson, 3 Granite Street	62
George H. Crocker, Jr., 577 Putnam Avenue	67
Charles W. Read, 228 Allston Street	60
Albert F. Donnelly, 135 Pearl Street	63
Thomas W. McNeeley, 211 Chestnut Street	46
Edward J. McNeeley, 20 Valentine Street	41
Donald T. Howard, 148 Allston Street	36
Katherine A. Normile, 120 Henry Street	36
Fred J. Reardon, 195 Erie Street	38
George D. McGoldrick, 19 Lawrence Street	39
Charles J. McDonald, 238 Pearl Street	38
Francis L. Burns, 251 Pearl Street	36
William E. Gurry, 244 Pearl Street	37
William H. Antle, 95 Pearl Street	32
Blanks	508

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued**Ward Six*

Edward F. Murphy, 608 Green Street.....	105
Frederick J. O'Connor, 58 Putnam Avenue.....	108
Walter J. Carney, 57 Putnam Avenue.....	104
John P. Brennan, 24 DeWolfe Street.....	154
M. Agnes Hanlon, 110 Kinnaird Street.....	83
John J. Kiley, 38 Putnam Avenue.....	99
Marion H. Clark, 11 Flagg Street.....	88
John Francis Leary, 93 Putnam Avenue.....	87
James J. Ryan, 31 Putnam Avenue.....	93
Katherine A. Mahoney, 23 Putnam Avenue.....	111
Blanks.....	1,728

Ward Seven

Julia M. Suprenard, 7 Wright Street.....	57
William H. Greene, 11 Wright Street.....	50
Paul T. Murphy, 85 Museum Street.....	65
E. Agnes Blood O'Brien, 8 Gray Street.....	46
Donald Born, 40 Arlington Street.....	44
James P. Foley, 5 Cutler Avenue.....	67
Ruth H. Romer, 38 Avon Street.....	41
Marion P. Burrows, 12 Wright Street.....	45
Marion R. Marchand, 1 Gray Street.....	38
Michael J. Dee, 19 Everett Street.....	85
Edmund A. Whitman, 23 Everett Street.....	24
Charles H. Grandgent, Jr., 107 Walker Street.....	17
Robert C. Rankin, 19 Shepard Street.....	20
Kirk Bryan, 71 Washington Avenue.....	19
Lawrence J. Tracy, 17 Hillside Avenue.....	29
Florence Lee Whitman, 23 Everett Street.....	21
Elizabeth B. Schlesinger, 19 Gray Gardens East.....	30
Blanks.....	1,302

Ward Eight

C. Cranston Albro, 3d, 11B Shaler Lane.....	49
Charles H. Cole, 2d, 65 Langdon Street.....	50
Joseph V. Kiely, Jr., 23 Gurney Street.....	114
Charles E. McCool, 25 Healey Street.....	87
Willard Reed, 50 Shepard Street.....	59
John W. Ames, 5 Phillips Place.....	56
John W. Sullivan, 25 Willard Street.....	82
Wilbur F. Nixon, 56 Reservoir Street.....	65
Amelia W. Fisk, 25 Brewster Street.....	62
Mary R. Heard, 64 Brattle Street.....	60
Blanks.....	1,386

PARTY PRIMARIES, APRIL 30, 1940

DEMOCRATIC — *Continued**Ward Nine*

Placido Ciccolo, 137 Holworthy Street	76
Frank R. Ferolito, 95 Cushing Street	90
William J. Dillon, 41 Aberdeen Avenue	162
Paul D. Cleary, 38 High Street	191
Edward Q. Sullivan, 10 Norman Street	125
Francis John O'Brien, 10 Bird Street	117
Charles F. Gately, 153 Cushing Street	116
James Mazza, 14 Locust Street	164
Katherine B. McElroy, 217 Lexington Avenue	141
Charles J. Munroe, 433 Huron Avenue	140
John F. Coughlin, 64 Granville Road	109
Joseph D. Murphy, 180 Lexington Avenue	135
Blanks	4,254

Ward Ten

Mary A. Fitzgerald, 24 Russell Street	120
Thomas F. Gibson, 24 Walden Street	126
John J. Tierney, 182 Richdale Avenue	156
Elizabeth L. McNamara, 239 Upland Road	129
Thomas P. O'Neill, Jr., 74 Orchard Street	115
J. Frank Facey, 54 Pemberton Street	109
John J. Foley, 20 Rindge Avenue	104
John D. McAuliffe, 45 Fenno Street	110
Leo F. Dignan, 18 Orchard Street	101
Victor Martone, 28 Sherman Street	111
Patrick Fennell, 48 Fenno Street	60
William B. Keefe, 158 Fayerweather Street	61
Thomas Coyne, 41 Oliver Street	35
Eugene P. Collins, 4 Stearns Street	60
Blanks	2,633

Ward Eleven

Catherine V. Danehy, 67 Montgomery Street	135
Joseph T. Trelegan, 41 Clay Street	131
Anthony L. Mottla, 43 Cameron Avenue	121
Annie C. Mitchell, 209 Rindge Avenue	118
Margaret A. Kelley, 60 Rice Street	118
Catherine O'Rourke, 45 Rice Street	115
Thomas J. Hartnett, 3 Madison Avenue	132
Eleanor M. Quinn, 9 George Street	127
M. Walter Madigan, 72 Montgomery Street	163
John F. Kelley, 35 Madison Avenue	160
Blanks	1,610

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN

REPUBLICAN TOTAL VOTE, 1,871

Delegates at Large to National Convention

William H. McMasters of Cambridge	297
Byron P. Hayden of Springfield	176
Harry P. Gibbs of Brockton	170
Selden G. Hill of Danvers	168
Leverett Saltonstall of Newton	1,293
Henry Cabot Lodge, Jr. of Beverly	1,261
Joseph W. Martin, Jr. of Attleboro	1,140
John W. Haigis of Greenfield	1,168
Blanks	1,811

Alternate Delegates at Large to National Convention

Abbie L. Tebbets of Waltham	269
Berton S. Evans of Ayer	275
Annie L. Brown of Leominster	248
Lucius K. Thayer of Marblehead	301
Mary B. Besse of Wareham	918
Orin S. Kenney of Beverly	938
Mary Phillips Bailey of Northampton	929
Irene Gowetz of Worcester	868
Blanks	2,741

District Delegates to National Convention — Eleventh District

Elizabeth W. Pigeon of Boston	14
Saverio R. Romano of Boston	17
Henry W. Austin, Jr. of Boston	1
Alonzo B. Cook of Boston	4
Samuel J. Guson of Boston	1
George J. Millen of Boston	2
Frederick Paladino of Boston	1
John R. Whittington of Boston	1
Charles Alpert of Cheslea	10
Gustav M. Fucci of Boston	0
Benjamin J. Green of Boston	0
Nelle M. Homan of Boston	0
Lawrence Mazzola, Jr. of Newton	1
Blanks	36

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued***Alternate Delegates to National Convention, Eleventh District**

Joseph J. Cabral of Cambridge	20
Clarence Richmond of Chelsea	16
Helen M. Morse of Boston	1
Ruth V. Bishop of Boston	1
Joseph M. Toscano of Boston	1
Henry J. Cole of Boston	2
George P. Roberts of Chelsea	2
Martha A. Francis of Boston	0
Ernest P. Lombard of Boston	0
Alma P. Robbins of Boston	0
Blanks	35

District Delegates to National Convention, Eighth District

William J. Bell of Somerville	50
Lawrence Mitchell of Medford	37
William R. Poole of Somerville	38
Wilmot H. Simonson of Medford	31
William S. Howe of Somerville	6
John W. Justice of Medford	0
Sidney S. Listerneck of Everett	2
Blanks	208

Alternate District Delegates to National Convention, Eighth District

Mildred W. Davis of Malden	49
Grace A. Whitman of Everett	41
May Blanche Smith of Everett	47
Edward S. Coombs of Malden	44
Blanks	191

District Delegates to National Convention, Ninth District

Charles F. Danforth of Newton	207
Leon H. Cutting of Cambridge	228
Robert F. Bradford of Cambridge	1,014
Sinclair Weeks of Newton	947
Blanks	804

Alternate District Delegates to National Convention, Ninth District

John W. Adshade of Waltham	163
Edwin D. English of Brookline	216
Susanne P. Shallna of Cambridge	831
Alice H. Wellington of Brookline	834
Blanks	1,156

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued*

District Delegates to National Convention, Fifth District

Emile Marquis of Woburn.....	21
John H. MacDonald of Lowell.....	14
Paul R. Foisy of Lowell.....	19
Raymond S. Wilkins of Winchester.....	18
Mary Walsh Brennan of Lowell.....	6
Ralph K. Coleman of Westford.....	5
Robert J. W. Stone of Melrose.....	3
Blanks.....	6

Alternate District Delegates to National Convention, Fifth District

Elvy M. Prentiss of Reading.....	15
Grace N. Knight of Arlington.....	15
Maude M. Johnson of Melrose.....	7
Elizabeth F. Taylor of Belmont.....	14
Blanks.....	44

State Committee, Second Suffolk District

Meyer Weker of Boston.....	8
Henry W. Austin, Jr. of Boston.....	2
John J. Donovan, Jr. of Boston.....	1
Francis P. O'Neill of Boston.....	1
James I. Yoffa of Boston.....	13
Blanks.....	14
Elizabeth Lyman Brown of Boston.....	13
Grace Maria McCleary of Boston.....	1
Helen M. Morse of Boston.....	2
Blanks.....	23

State Committee, Third Suffolk District

Alonzo B. Cook of Boston.....	43
Charles J. Innes of Boston.....	43
Philip K. Nofel of Boston.....	6
Blanks.....	22
Ernestine S. Prager of Boston.....	18
Miriam L. Staples of Boston.....	63
Blanks.....	33

State Committee, Third Middlesex District

Vincent J. Celia of Medford.....	22
Alfred S. Wass of Somerville.....	34
Blanks.....	16
Fronie A. Johnston of Somerville.....	27
Harriet G. Robinson of Medford.....	24
Blanks.....	21

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued*

State Committee, Second Middlesex District

Philip Sherman of Somerville	894
Blanks	552
Anna C. M. Tillinghast of Cambridge	975
Blanks	471

State Committee, Middlesex and Suffolk Districts

Roger A. Lutz of Newton	62
Raymond L. McPhail of Boston	6
Thomas Edmund Morahan of Newton	9
Peter H. Wood of Boston	49
Blanks	74
Elizabeth D. Saltonstall of Newton	135
Blanks	65

Degelates to State Convention

Ward One

William J. Edgecomb, 118½ Berkshire Street	57
Joseph J. Cabral, 16 Hardwick Street	54
Blanks	101

Ward Two

Harry W. Joel, 204 Columbia Street	199
Anna Wallace, 299 Broadway	185
Alvin J. McNulty, 4 Lamson Place	171
Herbert A. Hall, 5 Worcester Street	202
Blanks	559

Ward Three

Charles P. Clark, 37 Tremont Street	169
Ethel M. Thomas, 3 Greenough Avenue	166
John G. Loja, 73 Highland Avenue	156
Blanks	229

Ward Four

Norman B. Rodham, 54 Trowbridge Street	555
Edna Lawrence Spenser, 9 Pleasant Street	537
Dana T. Gallup, 42 Trowbridge Street	644
Maude S. Bedell, 11 Ellery Street	508
Morrell S. Edgerly, 28 Inman Street	558
Susanne P. Shallna, 305 Harvard Street	507
Adeline F. Dunham, 331 Harvard Street	540
Harold Seidenberg, 156 Hancock Street	496
Lloyd J. Canfield, 40 Inman Street	546
Blanks	3389

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued**Ward Five*

A. John Serino, 125 Magazine Street.....	421
Marie L. Petersen, 20 Cottage Street.....	428
Francis W. Lindstrom, 297 Allston Street.....	473
Fred A. Kyros, 11 Perry Street.....	358
Alice H. C. Lorance, 7 Pleasant Place.....	477
Robert A. Cappella, 577 Putnam Avenue.....	357
Marion E. Pfaff, 163 Chestnut Street.....	388
Blanks.....	1,993

Ward Six

William A. Cox, 100 Ellery Street.....	417
Henrietta M. Casmay, 8 Plympton Street.....	404
Esther C. Beane, 8 Prescott Street.....	425
Helen P. Ross, 1306 Massachusetts Avenue.....	400
Blanks.....	730

Ward Seven

James D. Tillinghast, 6 W. Bellevue Avenue.....	869
M. Belle McGuire, 26 Gray Street.....	805
Karoline D. Mariner, 2 Newport Road.....	818
William J. Usher, 150 Upland Road.....	857
Cecil E. Fraser, 20 Gray Gardens West.....	844
Haven Parker, 98 Avon Hill Street.....	918
William T. Skinner, 13 Mellen Street.....	832
Clarence P. Kidder, 41 Wendell Street.....	891
J. Pierre Belliveau, 15 Holly Avenue.....	787
Blanks.....	2,594

Ward Eight

Arthur Drinkwater, 993 Memorial Drive.....	812
Grosvenor Proctor, 12 Concord Avenue.....	725
Henry D. Winslow, 8 Longfellow Road.....	864
Melville F. Weston, 19 Buckingham Street.....	737
Dwight P. Robinson, Jr., 993 Memorial Drive.....	757
Harold Lohnes, 7 Gerry Street.....	687
Hartwell Pond, 51 Walker Street.....	704
Anne Hathaway Gulick, 59 Fayerweather Street.....	770
Alice G. Merrill, 83 Brattle Street.....	730
Dwight H. Andrews, 205 Mt. Auburn Street.....	740
Blanks.....	2,584

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued**Ward Nine*

George B. Rowell, 25 Fresh Pond Lane.....	209
Robert Bennink, 28 Fresh Pond Lane.....	200
Marcus Morton, Jr., 24 Larchwood Drive.....	205
J. Gilbert Swift, Jr., 23 Grozier Road.....	198
Charles S. Bolster, 75 Fresh Pond Parkway.....	202
Edith L. Stjernfelt, 32 High Street.....	195
Richard C. Evarts, 120 Lake View Avenue.....	207
William S. Whittemore, 39 Meadow Way.....	200
Georgia E. Proudfoot, 43 Larchwood Drive.....	194
Blanks.....	962

Ward Ten

Alice A. Hathaway, 9 Tenney Street.....	249
William T. Hathaway, 9 Tenney Street.....	244
Fred M. Allen, 31 Upland Road.....	256
John Blue, 23 Buena Vista Park.....	237
Mary T. Rollins, 325 Concord Avenue.....	238
Earl R. Hollis, 37 Davenport Street.....	242
Leopold G. Greene, 53 Orchard Street.....	230
Muriel A. Robinson, 9 Tenney Street.....	232
Blanks.....	1,080

Ward Eleven

Auguste J. Pelletier, 1 Norris Street.....	116
Albert E. LeBlanc, 57 Jackson Street.....	97
Alice M. Couture, 40 Montgomery Street.....	95
George J. Dery, 16 Montgomery Street.....	83
Blanks.....	301

Ward Committees

Ward One

Joseph J. Cabral, 14 Hardwick Street.....	23
William J. Edgecomb, 118½ Berkshire Street.....	21
Florence L. Furtado, 266 Cambridge Street.....	22
Lloyd F. Bailey, 97 Thorndike Street.....	22
Richard J. Walsh, 7E Jefferson Street.....	22
Joseph M. McElroy, 50 Thorndike Street.....	20
Albert Pasquariello, 85 Sixth Street.....	22
William G. Andrew, 472 Cambridge Street.....	23
Carl Zaccaria, 364 Cambridge Street.....	22
Mayo C. Consolazio, 94 Berkshire Street.....	20
Blanks.....	173

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued**Ward Two*

Harry W. Joel, 204 Columbia Street	79
Walter F. Russell, 140 Elm Street	79
Pauline M. Mountain, 204 Columbia Street	68
Herbert A. Hall, 5 Worcester Street	72
Alvin J. McNulty, 4 Lamson Place	67
Anna Wallace, 299 Broadway	67
Henry R. Tracy, 401 Washington Street	64
John Douhan, 96 Columbia Street	63
Herbert C. Karlson, 96 Columbia Street	70
Blanks	511

Ward Three

Ethel M. Thomas, 3 Greenough Avenue	54
Thelma I. Washington, 27 Tremont Street	53
Marion P. Alexander, 76 Inman Street	53
Rilla E. Rolfe, 258 Prospect Street	55
Josephine A. Latanowich, 344 Norfolk Street	54
John G. Loja, 73 Highland Avenue	53
Charles P. Clark, 37 Tremont Street	53
Joseph Wasser, 1445 Cambridge Street	58
Howe Coolidge Amee, 285 Harvard Street	57
Henry T. Stobing, 4 Fayette Park	52
Blanks	178

Ward Four

Lloyd J. Canfield, 40 Inman Street	155
Maud S. Bedell, 11 Ellery Street	151
Dana T. Gallup, 42 Trowbridge Street	158
Morrell S. Edgerly, 28 Inman Street	151
Edna Lawrence Spencer, 9 Pleasant Street	152
Herbert H. McSorley, 991 Massachusetts Avenue	159
Arthur R. Hall, 49 Hancock Street	149
Harold Seidenberg, 156 Hancock Street	151
Norman B. Rodham, 54 Trowbridge Street	149
Otis F. Brewington, 1 Hancock Street	148
Blanks	767

Ward Five

A. John Serino, 125 Magazine Street	120
Robert A. Cappella, 577 Putnam Avenue	102
Francis W. Lindstrom, 297 Allston Street	135
Edward A. Kollen, 92 Brookline Street	117
Marion E. Pfaff, 163 Chestnut Street	114

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued*

Ward Five — Continued

Robert F. VonDohlen, 312½ Pearl Street	112
Isabelle J. Manson, 41 Magazine Street	141
Marie L. Petersen, 20 Cottage Street	129
Fred A. Kyros, 11 Perry Street	101
Merton C. Palmer, 318 Brookline Street	116
Blanks	813

Ward Six

Esther C. Beane, 8 Prescott Street	136
William A. Cox, 100 Ellery Street	125
Norman W. Garfield, 5 Ashton Place	128
Milton E. Simmons, 330 Western Avenue	125
Robert H. Davison, 99 Irving Street	124
Henrietta M. Cazmay, 8 Plympton Street	132
Robert A. Cushman, 2 Farrar Street	128
Anna W. Smith, 1737 Cambridge Street	122
Elliot S. Boardman, 4 Irving Terrace	125
Lucy E. McDermott, 351 Western Avenue	124
Blanks	471

Ward Seven

James D. Tillinghast, 6 West Bellevue Avenue	325
William T. Skinner, 13 Mellen Street	316
Alfred C. Lane, 22 Arlington Street	323
William J. Usher, 150 Upland Road	326
M. Belle McGuire, 26 Gray Street	310
Karoline D. Mariner, 2 Newport Road	308
Clarence P. Kidder, 41 Wendell Street	327
Malcolm P. McNair, 11 Gray Gardens East	322
Cecil E. Fraser, 20 Gray Gardens West	323
Haven Parker, 98 Avon Hill Street	342
Blanks	728

Ward Eight

Henry D. Winslow, 8 Longfellow Road	330
Henry S. Hall, Jr., 154 Coolidge Hill	327
Melville F. Weston, 19 Buckingham Street	318
Olive K. Miller, 3 Craigie Circle	302
Arthur Drinkwater, 993 Memorial Drive	326
Dwight P. Robinson, 993 Memorial Drive	317
Anne Hathaway Gulick, 59 Fayerweather Street	319
William D. Swan, Jr., 1 Channing Place	311
Hartwell Pond, 51 Walker Street	306
Grosvenor Proctor, 12 Concord Avenue	304
Blanks	480

PARTY PRIMARIES, APRIL 30, 1940

REPUBLICAN — *Continued**Ward Nine*

George B. Rowell, 25 Fresh Pond Lane	109
Robert Bennink, 28 Fresh Pond Lane	100
Daniel B. Wetherell, 47 Fresh Pond Lane	101
Marcus Morton, Jr., 24 Larchwood Drive	101
Charles S. Bolster, 75 Fresh Pond Parkway	101
J. Gilbert Swift, Jr., 23 Grozier Road	98
Annie M. Sayward, 183 Lake View Avenue	97
Richard C. Evarts, 120 Lake View Avenue	105
Sarah G. Storer, 4 Malcolm Road	98
Edith L. Stjernfelt, 32 High Street	99
Paul E. Lane, 185 Huron Avenue	16
Alfred R. Gray, Jr., 182 Appleton Street	7
Joseph Ferolito, 59 Cushing Street	6
John R. Grubb, 10 Holworthy Place	5
Ralph D. MacLean, 30 Chilton Street	8
Harold C. Walker, 220 Lexington Avenue	12
Daniel G. Alexander, 12 Malcolm Road	9
Frances S. McCoy, 88 Aberdeen Avenue	7
James E. MacCallum, 182 Appleton Street	5
Blanks	356

Ward Ten

Alice A. Hathaway, 9 Tenney Street	77
Leopold G. Greene, 53 Orchard Street	60
Earl R. Hollis, 37 Davenport Street	63
William T. Hathaway, 9 Tenney Street	72
Louise Presho, 2022 Massachusetts Avenue	61
John Blue, 23 Buena Vista Park	61
Timothy G. Tynes, 45 Mt. Pleasant Street	65
Samuel O. Weems, 14 Hubbard Avenue	66
Mary R. Rollins, 325 Concord Avenue	65
Fred M. Allen, 31 Upland Road	67
Blanks	283

Ward Eleven

Auguste J. Pelletier, 1 Norris Street	29
Albert E. LeBlanc, 57 Jackson Street	23
Thomas Nadeau, 101 Montgomery Street	23
George J. Dery, 16 Montgomery Street	18
Arthur Gagnon, 5 Yerxa Road	20
Annie E. Nadeau, 101 Montgomery Street	20
Alice M. Couture, 40 Montgomery Street	19
Alice M. Legros, 22 Montgomery Street	18
Alphonsine Gourde, 38 Rice Street	19
Mary A. Sarasin, 87 Dudley Street	20
Blanks	251

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

CANDIDATES FOR		GOVERNOR			LIEUTENANT GOVERNOR						SECRETARY					
Names of Candidates	Whole Number of Ballots Cast	Dever	Kelly	Blanks	Carr	Gallagher	Kelley	McCarron	O'Neill	Willlett, Jr.	Blanks	Fish	Foley	MacCarthy	Morris	Blanks
Ward 1	Precinct 1.....	410	120	62	296	72	86	11	15	17	95	67	148	119	90	168
	Precinct 2.....	545	139	85	402	104	93	17	15	16	122	70	237	135	116	211
	Precinct 3.....	442	125	52	376	58	52	15	11	11	96	56	194	113	72	184
	Precinct 4.....	420	175	63	324	109	78	10	15	21	101	71	203	111	96	177
	Precinct 5.....	382	167	51	253	116	108	12	21	15	75	56	189	149	84	122
Totals.....	3,238	2,199	726	313	1,651	459	417	65	77	80	489	320	971	627	458	862
Ward 2	Precinct 1.....	276	49	14	139	89	49	5	7	7	43	37	126	68	38	70
	Precinct 2.....	315	158	31	216	117	78	7	10	12	64	46	161	107	80	110
	Precinct 3.....	217	120	19	123	79	93	5	4	5	47	47	132	94	45	38
	Precinct 4.....	271	133	19	185	69	88	5	8	9	59	46	136	84	68	89
	Precinct 5.....	202	110	22	127	76	68	8	2	12	41	40	113	83	51	47
Totals.....	1,956	1,281	570	105	790	430	376	30	31	45	254	216	668	436	282	354
Ward 3	Precinct 1.....	326	151	29	226	100	79	13	19	10	59	57	169	107	77	96
	Precinct 2.....	449	102	10	256	136	67	10	11	5	76	43	176	109	97	136
	Precinct 3.....	222	82	18	163	74	39	4	4	5	33	24	117	72	47	62
	Precinct 4.....	211	84	14	148	95	19	5	2	3	37	28	79	63	67	72
	Precinct 5.....	281	86	31	190	113	21	3	5	7	59	19	123	67	93	96
Totals.....	2,096	1,489	505	102	983	518	225	35	41	30	264	171	664	418	381	462
Ward 4	Precinct 1.....	110	75	11	94	42	26	1	4	7	22	29	75	30	29	33
	Precinct 2.....	140	51	8	105	45	15	5	6	2	21	22	72	44	23	38
	Precinct 3.....	95	64	10	75	41	22	1	5	4	21	26	52	29	31	31
	Precinct 4.....	78	42	8	72	30	8	1	0	3	14	10	44	17	27	30
	Precinct 5.....	148	36	6	82	60	9	3	2	10	24	13	73	27	29	48
Totals.....	882	571	268	43	428	218	80	11	17	26	102	100	316	147	139	180
Ward 5	Precinct 1.....	176	77	9	136	55	31	4	4	4	28	30	78	53	50	51
	Precinct 2.....	94	33	6	68	27	21	2	1	4	10	13	35	39	27	19
	Precinct 3.....	113	38	5	89	35	15	1	4	2	10	22	50	21	26	37
	Precinct 4.....	150	53	9	106	53	24	5	3	1	20	21	72	37	37	45
	Precinct 5.....	95	57	12	74	40	21	3	9	4	13	16	65	33	24	26
Totals.....	927	628	258	41	473	210	112	15	21	15	81	102	300	183	164	178

Ward 6	Precinct 1....	331	232	87	12	189	63	27	4	8	7	33	30	142	67	37	55
	Precinct 2....	218	161	41	16	108	38	19	7	7	6	33	19	67	36	35	61
	Precinct 3....	140	101	30	9	55	46	8	2	1	1	27	8	51	24	25	32
	Precinct 4....	394	264	120	10	191	101	35	2	17	3	45	33	152	96	31	82
	Precinct 5....	250	163	75	12	112	52	39	2	3	7	35	26	89	44	33	58
Totals.....		1,333	921	353	59	655	300	128	17	36	24	173	116	501	267	161	288
Ward 7	Precinct 1....	179	140	33	6	76	65	10	3	3	4	18	12	66	28	30	43
	Precinct 2....	244	179	60	5	115	65	24	5	2	5	28	18	91	45	40	50
	Precinct 3....	114	92	13	9	63	30	9	1	0	5	6	13	29	20	25	27
	Precinct 4....	154	113	30	11	73	45	10	1	9	1	15	15	56	28	23	32
	Precinct 5....	103	79	15	9	48	24	7	0	0	4	20	6	40	10	16	31
Totals.....		794	603	151	40	375	229	60	10	14	19	87	64	282	131	134	183
Ward 8	Precinct 1....	132	100	24	8	50	30	9	2	3	4	34	12	44	11	22	43
	Precinct 2....	287	233	45	9	159	61	14	3	11	3	36	24	93	54	43	73
	Precinct 3....	144	120	16	8	63	24	11	1	3	4	38	14	36	24	17	53
	Precinct 4....	158	125	30	3	60	46	18	1	6	1	26	15	53	27	27	36
	Precinct 5....	66	50	7	9	28	14	0	1	1	3	19	8	17	7	16	18
Totals.....		787	628	122	37	360	175	52	8	24	15	153	73	243	123	125	223
Ward 9	Precinct 1....	417	342	71	4	239	76	27	7	24	4	40	21	181	73	56	86
	Precinct 2....	396	334	62	0	230	79	25	3	16	4	39	32	146	53	66	99
	Precinct 3....	281	218	47	16	158	73	9	2	6	1	32	19	118	35	42	67
	Precinct 4....	277	214	52	11	134	77	10	0	12	1	43	23	104	43	43	64
	Precinct 5....	478	352	97	29	222	90	52	3	30	10	71	49	163	68	73	125
Totals.....		1,849	1,460	329	60	983	395	123	15	88	20	225	144	712	272	280	441
Ward 10	Precinct 1....	394	353	25	16	214	89	21	4	16	3	47	44	158	55	58	79
	Precinct 2....	299	221	61	17	144	70	23	4	19	2	37	25	125	49	46	54
	Precinct 3....	270	188	77	5	112	80	26	6	14	6	26	24	101	52	46	47
	Precinct 4....	409	308	86	15	196	89	37	2	26	8	51	43	154	57	55	100
	Precinct 5....	365	331	27	7	181	83	27	3	25	13	33	47	120	66	68	64
Totals.....		1,737	1,401	276	60	847	411	134	19	100	32	194	183	658	279	273	344
Ward 11	Precinct 1....	447	313	108	26	175	124	43	8	30	7	60	45	163	83	66	90
	Precinct 2....	429	289	120	20	185	123	34	6	16	11	54	31	146	91	56	105
	Precinct 3....	427	333	83	11	156	101	53	9	44	10	54	44	151	70	62	100
	Precinct 4....	458	341	86	31	224	84	50	9	27	7	57	54	162	76	56	110
	Precinct 5....	422	327	79	16	217	111	31	12	10	3	38	34	161	81	54	92
Totals.....		2,183	1,603	476	104	957	543	211	44	127	38	263	208	783	401	294	497
Grand Totals.....		17,782	12,784	4,034	964	8,502	3,888	1,918	269	576	344	2,285	1,697	6,098	3,284	2,691	4,012

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

CANDIDATES FOR		TREASURER					AUDITOR		ATTORNEY-GENERAL										U. S. SENATOR						
Names of Candidates	Whole Number of Ballots Cast	Brown	Cahill	Doherty		Donahue	McGrath	Blanks	Buckley	Flaherty	Husband, Jr.	Walsh	Blanks	Backus	Brennan	Burke	Carroll	Chisholm	Finnegan	Lyons	Ryan	Sullivan	Blanks	Walsh	Blanks
Ward 1	Precinct 1..	592	32	68	89	190	59	154	168	165	64	56	139	23	58	32	32	18	19	264	8	53	85	329	263
	Precinct 2..	769	53	85	123	235	70	203	224	175	76	97	197	32	77	50	54	11	9	291	8	83	154	406	363
	Precinct 3..	619	41	69	93	200	59	157	171	189	57	56	146	22	67	33	39	4	9	281	10	57	97	335	284
	Precinct 4..	658	32	69	68	283	52	154	163	196	66	73	160	37	75	40	39	13	18	222	13	99	102	348	310
	Precinct 5..	600	45	73	74	259	42	107	168	179	67	71	115	23	78	38	29	16	17	271	2	64	62	358	242
Totals.....		3,238	203	364	447	1,167	282	775	894	904	330	353	757	137	355	193	193	62	72	1,329	41	356	500	1,776	1,462
Ward 2	Precinct 1..	339	28	41	61	95	38	76	151	37	49	40	62	12	41	27	18	3	10	147	4	39	38	255	84
	Precinct 2..	504	38	62	63	198	53	90	202	69	71	54	108	22	60	41	21	11	10	252	4	46	37	377	127
	Precinct 3..	356	29	61	60	97	36	73	156	43	45	44	68	20	40	22	20	11	12	129	4	60	38	265	91
	Precinct 4..	423	42	49	67	131	50	84	163	50	56	71	83	16	38	19	18	19	11	203	6	56	37	321	102
	Precinct 5..	334	36	39	60	97	38	64	141	37	41	48	67	15	50	19	16	11	7	129	9	42	36	259	75
Totals.....		1,956	173	252	311	618	215	387	813	236	262	257	388	85	229	128	93	55	50	860	27	243	186	1,477	479
Ward 3	Precinct 1..	506	25	85	67	206	48	75	201	88	72	53	92	22	48	93	24	9	10	217	3	37	43	398	108
	Precinct 2..	561	22	57	63	263	48	108	226	90	62	71	112	16	58	31	25	9	11	319	6	37	49	429	132
	Precinct 3..	322	19	47	34	131	39	52	140	46	56	27	53	15	30	16	17	7	7	154	4	35	37	259	63
	Precinct 4..	309	22	41	29	126	31	60	117	26	65	38	63	13	34	20	19	5	6	160	5	20	27	237	72
	Precinct 5..	398	18	55	49	142	42	92	142	47	78	43	88	12	60	23	20	13	10	193	5	24	38	307	91
Totals.....		2,096	106	285	242	868	208	387	826	297	333	232	408	78	230	183	105	43	44	1,043	23	153	194	1,630	466
Ward 4	Precinct 1..	196	13	29	49	58	19	28	83	23	38	18	34	10	24	21	14	5	9	72	4	22	15	138	58
	Precinct 2..	199	14	28	44	54	25	34	76	20	37	37	29	6	31	13	7	8	5	92	3	16	18	154	45
	Precinct 3..	169	17	20	28	60	17	27	71	19	35	21	23	14	23	18	10	8	6	61	2	15	12	130	39
	Precinct 4..	128	10	11	12	49	21	25	50	7	38	17	16	9	15	6	9	7	5	52	7	8	10	98	30
	Precinct 5..	190	16	21	29	45	34	45	75	20	38	20	37	18	27	21	12	12	10	50	3	19	18	129	61
Totals.....		882	70	109	162	266	116	159	355	89	186	113	139	57	120	79	52	40	35	327	19	80	73	649	233
Ward 5	Precinct 1..	262	17	46	40	81	24	54	125	39	31	23	44	13	29	22	12	9	7	112	4	19	35	198	64
	Precinct 2..	133	8	15	28	44	17	21	50	10	28	21	24	8	16	8	9	4	9	54	1	20	4	106	27
	Precinct 3..	156	14	21	27	48	27	19	76	21	29	16	14	5	13	15	14	5	10	71	0	15	8	119	37
	Precinct 4..	212	9	30	40	70	24	39	79	24	40	30	39	13	32	16	16	3	6	78	5	24	19	158	54
	Precinct 5..	164	16	28	33	49	16	22	68	21	35	18	22	10	17	24	9	3	11	62	2	14	12	118	46
Totals.....		927	64	140	168	292	108	155	398	115	163	108	143	49	107	85	60	24	43	377	12	92	78	699	228

Ward 6	Precinct 1..	331	18	49	32	144	33	55	138	36	55	46	56	17	45	25	18	13	10	147	6	29	21	243	88
	Precinct 2..	218	10	20	35	77	20	57	81	20	57	17	43	16	24	9	7	9	10	91	4	19	29	147	71
	Precinct 3..	140	5	26	20	37	17	31	48	16	31	15	30	13	16	6	13	4	4	44	7	13	20	105	35
	Precinct 4..	394	13	68	70	135	32	67	185	41	67	35	66	19	73	34	60	7	10	111	11	40	29	292	102
	Precinct 5..	250	13	45	56	56	28	31	93	28	31	45	53	13	31	28	23	4	6	90	4	24	27	178	72
	Totals.....	1,333	59	208	213	449	130	241	545	141	241	158	248	78	189	102	121	37	40	483	32	125	126	965	368
Ward 7	Precinct 1..	179	13	30	24	65	16	46	72	12	46	15	34	15	36	6	10	7	5	58	4	24	14	137	42
	Precinct 2..	244	11	38	22	98	42	56	89	30	56	28	41	8	34	20	21	10	8	76	2	37	28	181	63
	Precinct 3..	114	9	12	17	43	16	29	42	10	29	12	21	11	16	4	9	4	3	51	0	7	9	88	26
	Precinct 4..	154	13	19	20	55	23	30	63	16	30	17	28	10	23	15	8	5	4	54	2	15	18	104	50
	Precinct 5..	103	9	16	13	28	10	35	29	6	35	11	22	11	11	2	12	7	2	27	4	9	18	76	27
	Totals.....	794	55	115	96	289	107	196	295	74	196	83	146	55	120	47	60	33	22	266	12	92	87	586	208
Ward 8	Precinct 1..	132	14	24	9	30	12	43	54	4	36	6	32	12	15	7	13	5	3	47	0	6	24	93	39
	Precinct 2..	287	19	41	35	98	27	67	108	37	64	24	54	16	53	8	19	9	22	97	6	24	33	225	62
	Precinct 3..	144	10	14	10	37	18	55	56	4	33	8	43	4	17	7	11	9	5	45	2	12	32	100	44
	Precinct 4..	158	8	26	19	48	18	39	53	14	31	22	38	7	27	11	9	2	4	53	2	20	23	104	54
	Precinct 5..	66	9	8	7	12	8	22	16	1	27	8	14	10	8	1	10	6	0	10	0	8	13	50	16
	Totals.....	787	60	113	80	225	83	226	287	60	191	68	181	49	120	34	62	31	34	252	10	70	125	572	215
Ward 9	Precinct 1..	417	15	58	70	171	32	71	184	35	93	36	69	15	65	28	35	9	17	180	7	30	31	327	90
	Precinct 2..	396	13	55	48	145	48	87	159	36	95	31	75	19	50	29	47	4	21	146	10	20	50	302	94
	Precinct 3..	281	14	49	39	101	26	52	98	11	98	23	51	11	43	13	24	5	16	116	3	22	28	210	71
	Precinct 4..	277	8	38	38	100	34	59	95	14	82	33	53	10	29	16	29	2	13	118	1	28	31	201	76
	Precinct 5..	478	32	52	67	172	48	107	123	40	176	37	102	15	50	31	64	9	20	164	9	41	75	339	139
	Totals.....	1,849	82	252	262	689	188	376	659	136	544	160	350	70	237	117	199	29	87	724	30	141	215	1,379	470
Ward 10	Precinct 1..	394	13	51	100	133	40	57	154	39	93	42	66	14	73	32	41	15	13	125	5	38	38	292	102
	Precinct 2..	299	12	41	26	135	34	51	135	22	51	30	61	11	44	20	31	5	9	110	4	27	38	225	74
	Precinct 3..	270	15	34	40	95	41	45	125	24	52	28	41	5	43	25	13	7	21	101	3	34	18	191	79
	Precinct 4..	409	20	51	62	134	55	87	172	37	69	51	80	20	63	16	23	10	23	150	7	48	49	290	119
	Precinct 5..	365	28	54	54	111	56	62	128	35	93	49	60	16	40	24	34	6	10	151	13	33	38	267	98
	Totals.....	1,737	88	231	282	608	226	302	714	157	358	200	308	66	263	117	142	43	76	637	32	180	181	1,265	472
Ward 11	Precinct 1..	447	19	54	63	169	49	93	170	52	80	50	95	18	70	51	42	19	16	116	5	53	57	349	98
	Precinct 2..	429	12	49	43	187	48	90	174	36	73	44	102	13	98	30	36	11	20	110	8	38	65	337	92
	Precinct 3..	427	24	45	57	135	84	82	168	50	74	52	83	17	66	29	37	23	15	126	5	45	64	342	85
	Precinct 4..	458	31	56	66	162	50	93	161	48	81	62	106	26	65	39	37	28	26	117	2	57	61	349	109
	Precinct 5..	422	26	46	43	174	58	75	182	39	73	56	72	9	71	35	23	8	17	164	7	46	42	331	91
	Totals.....	2,183	112	250	272	827	289	433	855	225	381	264	458	83	370	184	175	89	94	633	27	239	289	1,708	475
Grand Totals.....		17,782	1,072	2,319	2,535	6,298	1,952	3,606	6,641	2,434	3,185	1,996	3,526	807	2,340	1,269	1,262	486	597	6,931	265	1,771	2,054	12,706	5,076

[illegible]

Ward 6	Precinct 1.....	71	188	16	37	19
	Precinct 2.....	38	129	8	38	5
	Precinct 3.....	26	89	0	20	5
	Precinct 4.....	69	246	8	53	18
	Precinct 5.....	34	132	8	52	24
Totals.....		238	784	40	200	71
Ward 7	Precinct 1.....	28	98	9	32	12
	Precinct 2.....	34	149	19	30	12
	Precinct 3.....	28	46	3	30	7
	Precinct 4.....	32	81	8	28	5
	Precinct 5.....	23	56	1	18	5
Totals.....		145	430	40	138	41
Ward 8	Precinct 1.....	16	77	3	31	5
	Precinct 2.....	91	145	5	26	20
	Precinct 3.....	22	79	4	34	5
	Precinct 4.....	30	87	3	30	8
	Precinct 5.....	8	40	2	13	3
Totals.....		167	428	17	134	41
Ward 9	Precinct 1.....	124	198	7	64	24
	Precinct 2.....	113	184	15	53	31
	Precinct 3.....	106	124	10	27	14
	Precinct 4.....	86	122	8	36	25
	Precinct 5.....	104	231	9	89	45
Totals.....		533	859	49	269	139
Ward 10	Precinct 1.....	144	99	12	103	36
	Precinct 2.....	111	100	9	56	23
	Precinct 3.....	82	86	5	69	28
	Precinct 4.....	110	147	12	99	41
	Precinct 5.....	109	121	10	102	23
Totals.....		556	553	48	429	151
		2,033	3,880	253	1,582	561
Ward 11	Precinct 1.....					297
	Precinct 2.....					270
	Precinct 3.....					288
	Precinct 4.....					291
	Precinct 5.....					287
Totals.....						1,433
Grand Totals.....						1,433

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

CANDIDATES FOR		COUNCILLOR FOURTH DISTRICT						COUNCILLOR THIRD DISTRICT				COUNCILLOR SIXTH DISTRICT							
Names of Candidates	Whole Number of Ballots Cast	Coakley	Bigney	Coyne	Daley	Lee	Murray	Sawtelle	Sullivan	Blanks	Williams	Curtis	Coughlin	Blanks	Brennan	Coughlin	McCarron	McGrath	Blanks
		134 151 153 129 148	16 18 12 13 14	31 27 37 52 60	11 18 6 17 19	92 111 94 99 90	20 19 10 21 12	110 210 156 74 43	72 88 69 130 120	106 127 82 123 94									
Ward 1 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....		715	73	207	71	486	82	593	479	532									
Ward 2 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 3 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 4 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 5 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 1 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 2 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 3 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 4 Precinct 1.....																			
Precinct 2.....																			
Precinct 3.....																			
Precinct 4.....																			
Precinct 5.....																			
Totals.....																			
Ward 5 Precinct 1.....																			

Ward 6	Precinct 1.....	137	57	18	48	71
	Precinct 2.....	88	21	10	32	67
	Precinct 3.....	67	8	4	16	45
	Precinct 4.....	208	37	15	43	91
	Precinct 5.....	107	21	15	41	66
Totals.....		607	144	62	180	340
Ward 7	Precinct 1.....	89	10	8	22	50
	Precinct 2.....	115	15	20	43	51
	Precinct 3.....	57	9	7	11	30
	Precinct 4.....	63	13	13	27	38
	Precinct 5.....	42	6	9	14	32
Totals.....		366	53	57	117	201
Ward 8	Precinct 1.....	45	7	12	9	59
	Precinct 2.....	118	26	13	40	90
	Precinct 3.....	55	8	6	13	62
	Precinct 4.....	63	13	6	23	53
	Precinct 5.....	27	2	3	8	26
Totals.....		308	56	40	93	290
Ward 9	Precinct 1.....	178	53	24	52	110
	Precinct 2.....	170	45	18	52	111
	Precinct 3.....	136	21	11	26	87
	Precinct 4.....	97	28	17	47	88
	Precinct 5.....	217	46	23	49	143
Totals.....		798	193	93	226	539
Ward 10	Precinct 1.....	175	33	14	76	96
	Precinct 2.....	132	23	12	78	54
	Precinct 3.....	117	34	9	55	55
	Precinct 4.....	155	41	15	90	108
	Precinct 5.....	155	41	14	75	80
Totals.....		734	172	64	374	393
Ward 11	Precinct 1.....	186	39	16	98	108
	Precinct 2.....	187	36	15	67	124
	Precinct 3.....	153	34	20	122	98
	Precinct 4.....	173	45	20	93	127
	Precinct 5.....	200	43	18	63	98
Totals.....		899	197	89	443	555
Grand Totals.....		4,999	1,239	534	1,860	3,027

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

CANDIDATES FOR	SENATOR SECOND SUFFOLK										SENATOR THIRD SUFFOLK					SENATOR THIRD MIDDLESEX					SENATOR SECOND MIDDLESEX				
	Whole Number of Ballots Cast	Fucillo	Goodfellow	Irwin	Karawacki	Lee	O'Donnell	Selvitella	Sheehan	Blanks	Curtis	Blanks	Giroux	Brady	Catino	Hagan	Melley	Moran	Blanks	Chisholm	Feeney	McLaughlin	Nersesian	Reel	Blanks
Ward 1																									
Precinct 1.....		68	7	107	69	142	15	54	24	106															
Precinct 2.....		92	13	74	131	157	20	94	40	148															
Precinct 3.....		56	6	104	80	161	12	38	34	128															
Precinct 4.....		70	5	48	185	118	28	36	48	120															
Precinct 5.....		29	17	43	123	174	33	21	53	107															
Totals.....		315	48	376	588	752	108	243	199	609															
Ward 2																									
Precinct 1.....											0	339													
Precinct 2.....											2	502													
Precinct 3.....											51	305													
Precinct 4.....											13	410													
Precinct 5.....											35	299													
Totals.....											101	1,855													
Ward 3																									
Precinct 1.....													143	69	23	67	46	96	62						
Precinct 2.....													114	61	18	86	51	148	83						
Precinct 3.....													141	24	8	50	20	40	39						
Precinct 4.....													74	30	5	65	4	93	38						
Precinct 5.....													113	28	12	78	34	56	77						
Totals.....													585	212	66	346	155	433	299						
Ward 4																									
Precinct 1.....																				4	29	13	5	128	17
Precinct 2.....																				22	42	21	4	80	30
Precinct 3.....																				10	33	13	0	90	23
Precinct 4.....																				6	29	14	2	57	20
Precinct 5.....																				10	37	18	5	85	35
Totals.....																				52	170	79	16	440	125

[illegible]

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

[illegible]

[illegible]

STATE PRIMARY, SEPTEMBER 17, 1940 — DEMOCRATIC

CANDIDATES FOR		CLERK OF COURTS					REGISTER OF DEEDS				COUNTY COMMISSIONERS		COUNTY TREASURER	
Names of Candidates		Whole Number of Ballots Cast	Duffy	Vahey	Blanks	Clais	Donahue	Conway	Blanks	Brennan	Kelley	Blanks	Hurley	Blanks
Ward 1	Precinct 1.....	592	355	91	146				592	311	269	604	340	252
	Precinct 2.....	769	446	112	211				769	406	332	800	443	326
	Precinct 3.....	619	377	97	145			36	583	329	275	634	331	288
	Precinct 4.....	658	394	104	160				658	327	286	703	366	292
	Precinct 5.....	600	394	87	119				600	332	292	576	375	225
Totals.....		3,238	1,966	491	781			36	3,202	1,705	1,454	3,317	1,855	1,383
Ward 2	Precinct 1.....	339	215	50	74				339	218	162	298	226	113
	Precinct 2.....	504	316	111	77				504	293	246	469	313	191
	Precinct 3.....	356	216	49	91				356	192	161	359	228	128
	Precinct 4.....	423	259	63	101				423	245	212	389	266	157
	Precinct 5.....	334	210	58	66				334	200	179	289	231	103
Totals.....		1,956	1,216	331	409				1,956	1,148	960	1,804	1,264	692
Ward 3	Precinct 1.....	506	320	79	107				506	306	263	443	330	176
	Precinct 2.....	561	314	105	142				561	335	282	505	360	201
	Precinct 3.....	322	195	74	53				322	212	171	261	236	86
	Precinct 4.....	309	177	62	70	5			309	188	139	291	495	114
	Precinct 5.....	398	204	89	105				393	225	178	393	249	149
Totals.....		2,096	1,210	409	477	5			2,091	1,266	1,033	1,893	1,370	726
Ward 4	Precinct 1.....	196	124	34	38				196	119	117	156	142	54
	Precinct 2.....	199	113	42	44				199	118	97	183	131	68
	Precinct 3.....	169	108	34	27				169	108	92	138	120	49
	Precinct 4.....	128	74	24	30				128	82	63	111	81	47
	Precinct 5.....	190	84	58	48				190	117	89	174	123	67
Totals.....		882	503	192	187				882	544	458	762	597	285
Ward 5	Precinct 1.....	262	163	45	54				262	170	140	214	179	83
	Precinct 2.....	133	84	22	27				133	87	74	105	96	37
	Precinct 3.....	156	97	29	30				156	96	77	139	108	48
	Precinct 4.....	212	123	42	47				212	118	99	207	130	82
	Precinct 5.....	164	109	24	31				164	105	98	125	116	48
Totals.....		927	576	162	189				927	576	488	790	629	298

Ward 6	Precinct 1.....	331	208	68	55					331	213	168	281	231	100
	Precinct 2.....	218	102	56	60					218	117	96	223	124	94
	Precinct 3.....	140	59	41	40					140	90	66	124	94	46
	Precinct 4.....	394	247	65	82					394	235	183	370	256	138
	Precinct 5.....	250	150	39	61			2		248	142	122	236	157	93
Totals:.....		1,333	766	269	298			2		1,331	797	635	1,234	862	471
Ward 7	Precinct 1.....	179	94	41	44					179	115	71	172	108	71
	Precinct 2.....	244	134	61	49					244	161	127	200	164	80
	Precinct 3.....	114	67	29	18					114	71	57	100	75	39
	Precinct 4.....	154	91	25	38					154	92	80	136	98	56
	Precinct 5.....	103	43	27	33					103	54	42	110	65	38
Totals.....		794	429	183	182					794	493	377	718	510	284
Ward 8	Precinct 1.....	132	55	31	46					132	62	48	154	66	66
	Precinct 2.....	287	144	64	79					287	166	125	283	175	112
	Precinct 3.....	144	61	33	50					144	72	47	169	81	63
	Precinct 4.....	158	88	24	46					158	95	69	152	88	70
	Precinct 5.....	66	32	14	20					66	36	27	69	37	29
Totals.....		787	380	166	241					787	431	316	827	447	340
Ward 9	Precinct 1.....	417	247	76	94					417	247	209	378	265	152
	Precinct 2.....	396	228	81	87					396	233	179	380	252	144
	Precinct 3.....	281	141	73	67					281	163	132	267	171	110
	Precinct 4.....	277	139	64	74					277	159	129	266	178	99
	Precinct 5.....	478	199	144	135					478	259	208	489	279	199
Totals.....		1,849	954	438	457					1,849	1,061	857	1,780	1,145	704
Ward 10	Precinct 1.....	394	211	88	95					394	247	194	347	267	127
	Precinct 2.....	299	155	68	76					299	193	143	262	193	106
	Precinct 3.....	270	156	54	60					270	171	126	243	180	90
	Precinct 4.....	409	228	84	97					409	236	168	414	256	153
	Precinct 5.....	365	212	82	71					365	217	188	325	243	122
Totals.....		1,737	962	376	399					1,737	1,064	819	1,591	1,139	598
Ward 11	Precinct 1.....	447	273	66	108					447	262	220	412	278	169
	Precinct 2.....	429	217	101	111					429	240	198	420	265	164
	Precinct 3.....	427	311	76	40					427	287	210	357	269	158
	Precinct 4.....	458	248	77	133					458	249	209	458	273	185
	Precinct 5.....	422	255	68	99					422	262	192	390	270	152
Totals.....		2,183	1,304	388	491					2,183	1,300	1,029	2,037	1,355	828
Grand Totals.....		17,782	10,266	3,405	4,111	5	2	36		17,739	10,385	8,426	16,753	11,173	6,609

STATE PRIMARY, SEPTEMBER 17, 1940 — REPUBLICAN

CANDIDATES FOR		GOVERNOR			LIEUTENANT GOVERNOR		SECRETARY		TREASURER		AUDITOR		ATTORNEY GENERAL						U. S. SENATOR	
Names of Candidates	Whole Number of Ballots Cast	Saltonstall	Blanks	Cahill	Blanks	Cook	Blanks	Hurley	Blanks	Wood	Blanks	Barnes	Bushnell	Crossley	Dewing	Fredo	Roberts	Blanks	Parkman, Jr.	Blanks
Ward 1	Precinct 1.....	33	26	7	25	8	25	24	9	27	6	7	13	0	1	2	6	4	25	8
	Precinct 2.....	17	15	2	14	3	12	12	5	12	5	7	7	0	0	1	1	1	11	6
	Precinct 3.....	16	13	3	13	3	14	13	3	15	1	2	6	0	1	3	2	2	11	5
	Precinct 4.....	27	21	6	20	7	20	20	7	21	6	7	5	1	3	2	5	4	20	7
	Precinct 5.....	13	13	0	12	1	13	12	1	12	1	3	3	0	2	1	3	1	12	1
Totals.....		106	88	18	84	22	84	81	25	87	19	26	34	1	7	9	17	12	79	27
Ward 2	Precinct 1.....	79	69	10	62	17	68	57	22	69	10	10	34	3	7	1	11	13	57	22
	Precinct 1.....	46	33	13	38	8	36	36	10	37	9	10	20	3	3	1	7	2	37	9
	Precinct 3.....	40	32	8	33	7	35	32	8	36	4	6	12	2	0	2	11	7	34	6
	Precinct 4.....	66	58	8	56	10	54	51	15	59	7	7	27	3	11	3	9	6	50	16
	Precinct 5.....	98	86	12	84	14	84	84	14	89	9	16	43	4	13	2	14	6	78	20
Totals.....		329	278	51	273	56	277	260	69	290	39	49	136	15	34	9	52	34	256	73
Ward 3	Precinct 1.....	28	25	3	25	3	23	25	3	23	5	7	13	1	3	3	1	0	23	5
	Precinct 2.....	27	25	2	25	2	24	20	7	26	1	4	12	2	2	1	5	1	24	3
	Precinct 3.....	69	67	2	66	3	68	65	4	65	4	18	33	1	7	1	6	3	63	6
	Precinct 4.....	55	51	4	51	7	48	49	6	49	6	10	20	2	9	0	9	5	43	12
	Precinct 5.....	61	59	2	55	6	55	53	8	55	6	12	21	2	11	1	11	3	54	7
Totals.....		240	227	13	222	18	218	212	28	218	22	51	99	8	32	6	32	12	207	33
Ward 4	Precinct 1.....	141	131	10	119	22	115	111	30	117	24	26	50	8	17	2	23	15	102	39
	Precinct 2.....	198	181	17	177	21	179	177	21	179	19	31	98	12	20	0	27	10	158	40
	Precinct 3.....	188	166	22	168	20	170	156	32	165	23	34	81	14	20	1	20	18	145	43
	Precinct 4.....	218	201	17	198	20	194	194	24	195	23	50	92	7	34	1	22	12	180	38
	Precinct 5.....	175	169	6	166	9	165	159	16	157	18	26	86	4	35	4	12	8	159	16
Totals.....		920	848	72	828	92	823	797	123	813	107	167	407	45	126	8	104	63	744	176
Ward 5	Precinct 1.....	82	67	15	70	13	69	63	19	67	15	11	34	4	9	3	13	8	60	22
	Precinct 2.....	221	205	16	201	20	200	189	32	199	22	37	113	11	23	1	24	12	180	41
	Precinct 3.....	120	108	12	104	16	105	101	19	101	19	22	54	2	15	3	16	8	92	28
	Precinct 4.....	154	140	14	134	19	135	127	27	138	16	25	66	6	17	4	22	14	116	38
	Precinct 5.....	108	95	13	94	11	97	93	15	90	18	21	36	7	16	5	12	11	85	23
Totals.....		685	615	70	603	82	606	573	112	595	90	116	303	30	80	16	87	53	533	152

Ward 6	Precinct 1.....	73	66	7	63	10	61	12	59	14	62	11	17	39	3	8	2	2	52	21
	Precinct 2.....	167	161	6	153	14	156	11	148	19	145	22	30	73	4	22	8	24	149	18
	Precinct 3.....	224	215	9	214	10	209	15	204	20	209	15	40	108	6	29	6	29	194	30
	Precinct 4.....	40	34	6	35	5	35	5	34	6	36	4	5	21	2	3	0	4	32	8
	Precinct 5.....	90	73	17	73	17	70	20	74	16	65	25	15	37	5	5	3	12	57	33
Totals.....		594	549	45	538	56	531	63	519	75	517	77	107	278	20	67	19	71	484	110
Ward 7	Precinct 1.....	211	206	5	203	8	197	14	193	18	196	15	24	106	16	41	2	16	185	26
	Precinct 2.....	135	130	5	125	10	126	9	119	16	124	11	28	60	7	17	2	13	114	21
	Precinct 3.....	339	327	12	322	17	326	13	326	13	327	12	39	221	8	45	4	18	309	30
	Precinct 4.....	211	205	6	203	8	204	7	202	9	200	11	28	110	8	37	2	18	197	14
	Precinct 5.....	239	234	5	229	10	228	11	220	19	223	16	36	116	15	44	3	16	204	35
Totals.....		1,135	1,102	33	1,082	53	1,081	54	1,060	75	1,070	65	155	613	54	184	13	81	1,009	126
Ward 8	Precinct 1.....	227	224	3	215	12	210	17	207	20	204	23	37	129	4	28	1	22	195	32
	Precinct 2.....	89	87	2	77	12	75	14	74	15	75	14	10	50	1	9	3	8	78	11
	Precinct 3.....	230	222	8	213	17	210	20	205	25	209	21	37	115	7	24	2	25	211	19
	Precinct 4.....	196	192	4	184	12	180	16	177	19	181	15	31	90	8	25	3	20	175	21
	Precinct 5.....	269	261	8	254	15	254	15	244	25	250	19	49	146	9	24	4	17	249	20
Totals.....		1,011	986	25	943	68	929	82	907	104	919	92	164	530	29	110	13	92	908	103
Ward 9	Precinct 1.....	47	42	5	42	5	41	6	40	7	40	7	12	23	0	2	0	6	37	10
	Precinct 2.....	42	42	0	40	2	38	4	35	7	36	6	11	16	2	6	0	4	36	6
	Precinct 3.....	89	89	0	89	0	89	0	89	0	89	0	10	45	4	8	1	10	89	0
	Precinct 4.....	102	97	5	99	3	97	5	95	7	94	8	15	62	2	6	3	9	95	7
	Precinct 5.....	28	28	0	24	4	25	3	23	5	26	2	1	16	1	5	2	2	19	9
Totals.....		308	298	10	294	14	290	18	282	26	285	23	49	162	9	27	6	31	276	32
Ward 10	Precinct 1.....	52	50	2	50	2	48	4	46	6	45	7	7	32	1	9	0	0	40	12
	Precinct 2.....	98	92	6	89	9	90	8	83	15	88	10	11	59	4	3	0	17	79	19
	Precinct 3.....	120	113	7	111	9	107	13	105	15	114	6	34	33	10	14	4	20	95	25
	Precinct 4.....	34	31	3	29	5	28	6	26	8	31	3	5	15	2	8	0	3	21	13
	Precinct 5.....	72	65	7	64	8	64	8	58	14	57	15	23	22	3	6	2	12	55	17
Totals.....		376	351	25	343	33	337	39	318	58	335	41	80	161	20	40	6	52	290	86
Ward 11	Precinct 1.....	33	29	4	29	4	27	6	26	7	30	3	4	14	1	2	4	5	25	8
	Precinct 2.....	23	20	3	17	6	15	8	16	7	15	8	4	8	1	2	0	0	15	8
	Precinct 3.....	45	33	12	32	13	32	13	31	14	33	12	2	7	1	11	1	11	30	15
	Precinct 4.....	48	31	17	28	20	30	18	26	22	33	15	6	15	0	6	1	6	26	22
	Precinct 5.....	24	21	3	18	6	18	6	17	7	17	7	0	7	2	5	3	3	15	9
Totals.....		173	134	39	124	49	122	51	116	57	128	45	16	51	5	26	9	25	111	62
Grand Totals.....		5,877	5,476	401	5,334	543	5,298	579	5,125	752	5,257	620	980	2,774	236	733	114	644	4,897	980

STATE PRIMARY, SEPTEMBER 17, 1940 — REPUBLICAN

CANDIDATES FOR	CONGRESSMAN ELEVENTH DISTRICT					CONGRESSMAN EIGHTH DISTRICT					CONGRESSMAN NINTH DISTRICT					CONGRESSMAN FIFTH DISTRICT				
	Whole Number of Ballots Cast	Green	McCloskey	O'Neill	Blanks	Bowen	Irwin	Roche	Sweeney	White	Blanks	Luce	Bowker	Foster	Rowe	Russell	Blanks	Rogers	Paulson	Blanks
Ward 1																				
Precinct 1	33	12	5	6	10															
Precinct 2	17	8	3	3	3															
Precinct 3	16	4	3	5	4															
Precinct 4	27	10	4	3	10															
Precinct 5	13	7	2	2	2															
Totals	106	41	17	19	29															
Ward 2																				
Precinct 1	79					14	22	8	4	14	17									
Precinct 2	46					7	14	4	4	6	11									
Precinct 3	40					8	11	5	1	8	7									
Precinct 4	66					18	12	14	2	9	11									
Precinct 5	98					20	26	8	4	20	20									
Totals	329					67	85	39	15	57	66									
Ward 3																				
Precinct 1	28					7	6	2	0	6	7									
Precinct 2	27					8	9	2	0	4	4									
Precinct 3	69					22	17	11	0	7	12									
Precinct 4	55					9	21	8	0	9	8									
Precinct 5	61					3	26	5	1	7	19									
Totals	240					49	79	28	1	33	50									
Ward 4						116	164	67	16	90	116									
Precinct 1	141											39	13	7	31	34	17			
Precinct 2	198											85	22	6	27	49	9			
Precinct 3	188											87	14	10	24	46	7			
Precinct 4	218											77	29	2	55	41	14			
Precinct 5	175											80	21	1	41	26	6			
Totals	920											368	99	26	178	196	53			
Ward 5																				
Precinct 1	82											34	3	0	17	26	2			
Precinct 2	221											114	30	2	21	46	8			
Precinct 3	120											44	16	3	22	27	8			
Precinct 4	154											64	14	1	21	45	9			
Precinct 5	108											29	8	2	20	38	11			

[illegible]

STATE PRIMARY, SEPTEMBER 17, 1940 — REPUBLICAN

CANDIDATES FOR	COUNCILLOR FOURTH DISTRICT			COUNCILLOR THIRD DISTRICT			COUNCILLOR SIXTH DISTRICT					SENATOR SECOND SUFFOLK		SENATOR THIRD SUFFOLK						
	Whole Number of Ballots Cast	Brown	Blanks	Brooks	Foster	Morrison	Picard	Blanks	Burnett	Brennan	Coddington	Dorion	Hutton	Lewis	Blanks	Austin, Jr.	McHugh	Blanks	Curtis	Blanks
Names of Candidates	Ward 1 Precinct 1.....	33	19	14												17	4	12		
	Precinct 2.....	17	12	5												10	3	4		
	Precinct 3.....	16	9	7												7	2	7		
	Precinct 4.....	27	16	11												9	9	9		
	Precinct 5.....	13	10	3												6	6	1		
Totals.....	106	66	40													49	24	33		
Ward 2	Precinct 1.....	79			41	4	14	3	17										60	
	Precinct 2.....	46			30	5	2	3	6										38	
	Precinct 3.....	40			24	3	2	2	9										33	
	Precinct 4.....	66			33	6	12	0	15										58	
	Precinct 5.....	98			70	1	10	3	14										89	
Totals.....	329			198	19	40	11	61											278	
Ward 3	Precinct 1.....	28								13	3	1	1	0	4	6				
	Precinct 2.....	27								12	2	1	3	0	5	4				
	Precinct 3.....	69								33	4	2	3	4	12	11				
	Precinct 4.....	55								19	3	3	5	1	15	9				
	Precinct 5.....	61								27	4	2	2	2	8	16				
Totals.....	240									104	16	9	14	7	44	46				
Ward 4	Precinct 1.....	141								54	14	6	11	6	20	30				
	Precinct 2.....	198								111	13	8	11	3	27	25				
	Precinct 3.....	188								81	9	3	12	11	35	37				
	Precinct 4.....	218								114	8	10	7	9	24	46				
	Precinct 5.....	175								101	5	5	16	5	14	29				
Totals.....	920									461	49	32	57	34	120	167				
Ward 5	Precinct 1.....	82			46	9	8	3	16											
	Precinct 2.....	221			159	10	20	1	31											
	Precinct 3.....	120			77	7	14	0	22											
	Precinct 4.....	154			103	5	14	1	31											
	Precinct 5.....	108			64	7	13	3	21											
Totals.....	685			449	38	69	8	121												

[illegible]

Ward 6	Precinct 1.....	73						39	4	3	11	16					
	Precinct 2.....	167						84	12	3	55	13					
	Precinct 3.....	224						109	29	1	71	14					
	Precinct 4.....	40						13	4	2	6	15					
	Precinct 5.....	90						26	8	7	34	15					
Totals.....		594						271	57	16	177	73					
Ward 7	Precinct 1.....	211						98	19	4	75	15					
	Precinct 2.....	135						60	6	3	56	10					
	Precinct 3.....	339						135	18	5	168	13					
	Precinct 4.....	211						94	14	1	90	12					
	Precinct 5.....	239						116	15	3	84	21					
Totals.....		1,135						503	72	16	473	71					
Ward 8	Precinct 1.....	227						104	2	2	99	20					
	Precinct 2.....	89						43	0	1	33	12					
	Precinct 3.....	230						119	2	4	78	27					
	Precinct 4.....	196						84	13	6	68	25					
	Precinct 5.....	269						146	6	8	77	32					
Totals.....		1,011						496	23	21	355	116					
Ward 9	Precinct 1.....	47						17	5	0	20	5					
	Precinct 2.....	42						18	3	0	18	3					
	Precinct 3.....	89						43	2	2	36	6					
	Precinct 4.....	102						36	1	4	53	8					
	Precinct 5.....	28						10	4	3	10	1					
Totals.....		308						124	15	9	137	23					
Ward 10	Precinct 1.....	52						17	20	0	11	4					
	Precinct 2.....	98						42	14	3	30	9					
	Precinct 3.....	120						71	14	2	23	10					
	Precinct 4.....	34						15	3	1	14	1					
	Precinct 5.....	72						33	8	0	23	8					
Totals.....		376						178	59	6	101	32					
Ward 11	Precinct 1.....	33						14	7	2	6	4					
	Precinct 2.....	23						5	3	0	9	6					
	Precinct 3.....	45						21	15	0	3	6					
	Precinct 4.....	48						11	22	0	8	7					
	Precinct 5.....	24						9	8	1	1	5					
Totals.....		173						60	55	3	27	28					
Grand Totals.....		5,877						2,077	348	96	1,565	431					

STATE PRIMARY, SEPTEMBER 17, 1940 — REPUBLICAN

CANDIDATES FOR	REPRESENTATIVES SECOND MIDDLESEX										REPRESENTA- TIVES THIRD MIDDLESEX			CLERK OF COURTS		REGISTER OF DEEDS			
	Names of Candidates	Whole Number of Ballots Cast	Svenson	Davis	Gallup	Hull	Leach	Parker	Winslow	Blanks	Coutts	Pelletier	Blanks	Putnam	Murray	Blanks	Leighton	Launie	Blanks
Ward 1	Precinct 1.....	33												20	8	5	21	5	7
	Precinct 2.....	17												10	2	5	9	4	4
	Precinct 3.....	16												5	7	4	5	4	7
	Precinct 4.....	27												12	5	10	17	3	7
	Precinct 5.....	13												9	2	2	8	1	4
Totals.....		106												56	24	26	60	17	29
Ward 2	Precinct 1.....	79												38	19	22	51	6	22
	Precinct 2.....	46												30	8	8	28	10	8
	Precinct 3.....	40												21	10	9	24	6	10
	Precinct 4.....	66												35	16	15	42	7	17
	Precinct 5.....	98												70	17	11	73	9	16
Totals.....		329												194	70	65	218	38	73
Ward 3	Precinct 1.....	28												15	7	6	17	4	7
	Precinct 2.....	27												18	4	5	22	2	3
	Precinct 3.....	69												57	4	8	61	1	7
	Precinct 4.....	55												42	8	5	43	6	6
	Precinct 5.....	61												42	8	11	49	0	12
Totals.....		240												174	31	35	192	13	35
Ward 4	Precinct 1.....	141	78	24	72	17	29	42	70	91				86	32	23	93	16	32
	Precinct 2.....	198	104	32	105	15	14	94	134	96				149	24	25	161	7	30
	Precinct 3.....	188	109	26	101	36	18	71	124	79				121	29	38	142	12	34
	Precinct 4.....	218	122	20	138	16	19	115	117	107				169	16	33	180	7	31
	Precinct 5.....	175	87	9	122	13	6	91	125	72				136	19	20	148	6	21
Totals.....		920	500	111	538	97	86	413	570	445				661	120	139	724	48	148
Ward 5	Precinct 1.....	82	45	13	39	9	4	33	52	51				57	13	12	58	9	15
	Precinct 2.....	221	120	31	117	29	16	106	170	74				160	20	41	176	9	36
	Precinct 3.....	120	86	29	47	8	7	37	68	78				84	17	19	96	4	20
	Precinct 4.....	154	90	51	58	16	11	62	88	86				101	25	28	115	10	29
	Precinct 5.....	108	71	20	35	18	8	32	53	87				61	27	20	76	15	17
Totals.....		685	412	144	296	80	46	270	431	376				463	102	120	521	47	117

Ward 6	Precinct 1.....	73	35	4	46	5	16	38	45	30				52	12	9	57	8	8
	Precinct 2.....	167	52	12	112	23	7	98	119	78				127	13	27	137	8	22
	Precinct 3.....	224	86	16	146	*41	11	142	152	78				176	27	21	195	11	18
	Precinct 4.....	40	22	6	22	1	5	14	24	26				24	8	8	22	5	13
	Precinct 5.....	90	51	16	27	10	17	27	41	81				54	18	18	56	7	27
Totals.....		594	246	54	353	80	56	319	381	293				433	78	83	467	39	88
Ward 7	Precinct 1.....	211	88	20	112	14	8	160	154	77				168	15	28	176	10	25
	Precinct 2.....	135	71	19	81	18	6	87	72	51				103	21	11	116	10	9
	Precinct 3.....	339	114	21	218	16	17	284	267	80				297	19	23	301	8	30
	Precinct 4.....	211	68	11	123	20	5	174	172	60				177	15	19	186	4	21
	Precinct 5.....	239	66	17	137	41	11	188	205	52				191	14	34	195	7	37
Totals.....		1,135	407	88	671	109	47	893	870	320				936	84	115	974	39	122
Ward 8	Precinct 1.....	227	55	6	146	45	9	165	191	64				180	15	32	192	4	31
	Precinct 2.....	89	17	1	64	11	2	73	74	25				62	9	18	68	2	19
	Precinct 3.....	230	45	6	150	51	7	166	198	67				162	16	52	178	5	47
	Precinct 4.....	196	57	12	107	36	8	129	158	81				134	20	42	142	8	46
	Precinct 5.....	269	91	20	168	34	4	184	238	68				217	11	41	218	3	48
Totals.....		1,011	265	45	635	177	30	717	859	305				755	71	185	798	22	191
			1,830	442	2,493	543	265	2,612	3,111	1,739									
Ward 9	Precinct 1.....	47												31	7	9	37	4	6
	Precinct 2.....	42												26	5	5	38	2	2
	Precinct 3.....	89												48	5	14	73	2	14
	Precinct 4.....	102												44	11	13	88	1	13
	Precinct 5.....	28												19	6	3	19	1	8
Totals.....		308												177	34	44	255	10	43
Ward 10	Precinct 1.....	52												35	7	12	39	3	10
	Precinct 2.....	98												56	18	15	77	7	14
	Precinct 3.....	120												66	15	20	99	7	14
	Precinct 4.....	34												26	7	5	23	4	7
	Precinct 5.....	72												41	14	10	55	8	9
Totals.....		376												224	61	62	293	29	54
Ward 11	Precinct 1.....	33												28	7	8	20	5	8
	Precinct 2.....	23												22	4	9	13	0	10
	Precinct 3.....	45												33	15	14	31	6	8
	Precinct 4.....	48												49	12	25	21	8	19
	Precinct 5.....	24												24	4	8	14	1	9
Totals.....		173												156	42	64	99	20	54
Grand Totals.....		5,877												557	717	938	4,601	322	954
														5,346					

STATE PRIMARY, SEPTEMBER 17, 1940 — REPUBLICAN

CANDIDATES FOR		COUNTY COMMISSIONERS														COUNTY TREASURER										
Names of Candidates		Whole Number of Ballots Cast	Bowditch	Adams	Ainley	Amee	Beyer	Blomert	Brennan	Busbell	Chisholm	Falvey	Gardner	Giroux	Hastings	Reading	Stevens	Sweeney	Trull	Walker	Blanks	Drake	Howard, C. P.	Howard, J. E.	Syrewicz	Blanks
Ward 1	Prec. 1.....	33	11	1	18	1	1	0	0	2	1	0	0	1	4	7	0	2	0	2	14	8	10	2	3	10
	Prec. 2.....	17	4	2	4	2	1	0	0	0	0	1	0	1	0	3	0	3	0	1	11	2	6	3	2	4
	Prec. 3.....	16	3	0	4	2	1	0	0	2	1	0	0	3	0	3	1	1	0	0	11	2	4	1	3	6
	Prec. 4.....	27	5	0	9	7	0	2	0	0	0	1	0	6	0	2	3	4	0	1	14	2	9	3	5	8
	Prec. 5.....	13	2	1	4	4	0	0	0	3	1	0	0	0	1	4	0	2	0	0	4	2	8	2	0	1
Totals.....		106	25	4	39	16	3	2	2	6	3	2	1	11	5	19	4	12	0	4	54	16	37	11	13	29
Ward 2	Prec. 1.....	79	15	5	22	26	2	1	2	6	0	1	2	8	5	17	1	5	0	5	35	14	27	15	4	19
	Prec. 2.....	46	10	3	10	15	2	0	5	7	0	1	2	2	2	9	6	6	0	0	12	7	15	8	4	12
	Prec. 3.....	40	12	4	4	12	1	0	1	3	3	0	1	1	0	11	0	2	0	3	22	4	17	8	1	10
	Prec. 4.....	66	12	10	7	22	1	0	3	10	3	1	0	2	6	15	3	9	1	1	26	21	26	5	4	10
	Prec. 5.....	98	27	3	32	28	5	1	1	17	2	3	4	4	8	11	6	5	3	4	32	11	57	4	4	22
Totals.....		329	76	25	75	103	11	2	12	43	8	6	9	17	21	63	16	27	4	13	127	57	142	40	17	73
Ward 3	Prec. 1.....	28	7	4	4	5	1	0	1	3	0	2	1	2	0	6	1	8	0	0	11	6	8	3	4	7
	Prec. 2.....	27	4	1	6	9	1	0	1	1	1	0	0	5	2	6	2	2	0	3	10	6	12	2	3	4
	Prec. 3.....	69	25	3	22	28	1	1	1	6	2	0	1	7	2	12	4	1	0	6	16	13	41	3	1	11
	Prec. 4.....	55	17	4	7	26	1	0	3	1	0	1	2	5	3	9	4	2	2	4	19	10	26	9	2	8
	Prec. 5.....	61	24	2	23	23	1	0	3	6	0	0	0	5	4	6	4	1	0	3	17	10	39	1	1	10
Totals.....		240	77	14	62	91	5	1	9	17	3	3	4	24	11	39	15	14	2	16	73	45	126	18	11	40
Ward 4	Prec. 1.....	141	27	10	28	41	4	0	3	13	3	3	3	7	6	28	6	21	3	5	71	41	46	16	6	32
	Prec. 2.....	198	71	7	51	72	5	0	3	16	4	3	12	13	12	45	4	7	4	8	59	27	120	9	3	39
	Prec. 3.....	188	62	8	44	74	7	1	3	19	2	2	6	9	9	40	11	9	3	6	61	28	102	17	7	34
	Prec. 4.....	218	99	6	53	72	2	0	3	21	6	4	2	17	13	53	13	4	2	11	55	10	75	4	0	129
	Prec. 5.....	175	89	4	45	63	5	0	2	15	0	1	2	12	13	25	12	4	2	10	46	23	111	10	3	28
Totals.....		920	348	35	221	322	23	1	14	84	15	13	25	58	53	191	46	45	14	40	292	129	454	56	19	262
Ward 5	Prec. 1.....	82	27	10	23	11	1	0	5	16	2	2	4	2	3	14	2	5	1	5	31	14	48	6	1	13
	Prec. 2.....	221	96	12	56	62	15	0	5	27	4	2	2	4	18	45	10	7	4	13	60	45	121	11	4	40
	Prec. 3.....	120	40	7	35	37	2	0	3	4	1	0	1	7	7	28	4	7	3	9	45	20	61	6	8	25
	Prec. 4.....	154	53	10	35	49	1	1	7	11	6	0	4	7	11	32	3	13	6	8	51	36	71	8	3	36
	Prec. 5.....	108	27	4	17	31	2	1	1	9	6	3	4	10	7	20	6	6	2	10	50	25	42	9	4	28
Totals.....		685	243	43	166	190	21	2	21	67	19	7	15	30	46	139	25	38	16	45	237	140	343	40	20	142

Ward 6	Prec. 1.....	73	19	3	17	28	1	0	1	9	2	0	0	5	4	21	3	4	1	3	25	13	36	3	0	21
	Prec. 2.....	167	80	5	26	52	11	0	0	8	2	0	3	18	5	55	10	4	2	5	48	11	113	9	5	29
	Prec. 3.....	224	121	6	47	70	2	0	7	21	4	6	4	23	14	50	9	1	2	13	48	30	151	10	5	28
	Prec. 4.....	40	15	4	9	16	0	0	0	3	0	1	2	4	0	9	5	5	0	1	10	6	17	3	0	14
	Prec. 5.....	90	22	5	20	22	5	3	4	10	2	0	4	6	5	15	4	9	0	8	36	14	38	8	6	24
Totals.....		594	257	23	119	188	19	3	12	51	10	7	13	56	28	150	31	19	5	30	167	74	355	33	16	116
Ward 7	Prec. 1.....	211	116	11	61	40	8	2	3	9	1	5	1	28	26	40	12	2	4	4	49	21	155	2	3	30
	Prec. 2.....	135	52	6	23	37	6	2	3	18	5	4	2	17	8	39	8	5	4	7	24	16	87	7	5	20
	Prec. 3.....	339	198	6	149	72	7	1	9	27	9	7	3	20	14	48	18	3	6	14	67	19	244	25	1	50
	Prec. 4.....	211	122	6	73	49	1	1	1	12	6	3	3	27	7	41	10	2	6	12	40	19	154	4	3	31
	Prec. 5.....	239	148	6	70	73	8	0	3	17	0	3	2	30	7	38	6	1	10	8	48	20	179	6	1	33
Totals.....		1,135	636	35	376	271	30	6	19	83	21	22	11	122	62	206	54	13	30	45	228	95	819	44	13	164
Ward 8	Prec. 1.....	227	162	4	57	59	0	1	1	13	2	7	0	30	2	25	24	1	6	6	54	18	169	7	1	32
	Prec. 2.....	89	59	3	27	30	1	1	0	5	1	2	0	9	0	11	2	1	1	3	22	2	70	1	2	14
	Prec. 3.....	230	155	8	66	59	5	0	1	15	1	6	1	19	10	20	7	4	4	7	72	19	156	7	0	48
	Prec. 4.....	196	117	7	49	49	5	1	3	15	2	7	3	10	5	33	16	4	3	7	56	16	117	8	2	53
	Prec. 5.....	269	156	6	58	70	6	0	1	26	6	8	4	27	14	37	12	3	6	15	83	31	173	12	0	53
Totals.....		1,011	649	28	257	267	17	3	6	74	12	30	8	95	31	126	61	13	20	38	287	86	685	35	5	200
Ward 9	Prec. 1.....	47	12	2	8	14	1	1	4	6	0	0	4	6	3	9	3	3	0	1	17	9	26	2	1	9
	Prec. 2.....	42	12	2	15	13	2	0	2	3	1	0	1	2	1	13	1	0	2	1	13	7	22	5	1	7
	Prec. 3.....	89	52	4	22	29	0	0	4	4	1	2	0	6	5	17	6	1	2	3	20	11	53	5	1	19
	Prec. 4.....	102	52	4	33	35	0	0	0	6	1	1	0	13	5	11	3	1	0	9	30	15	68	4	2	13
	Prec. 5.....	28	8	3	7	7	0	0	1	4	1	1	0	0	4	4	2	2	0	2	10	5	11	1	1	10
Totals.....		308	136	15	85	98	3	1	11	23	4	4	5	27	18	54	15	7	4	16	90	47	180	17	6	58
Ward 10	Prec. 1.....	52	12	3	7	18	1	0	3	8	1	2	1	5	2	11	5	2	2	0	21	6	21	6	1	18
	Prec. 2.....	98	29	4	13	40	4	0	2	9	2	1	2	6	6	40	5	3	1	3	26	13	49	8	4	24
	Prec. 3.....	120	48	4	23	21	5	0	4	17	4	4	4	8	9	39	12	9	3	9	17	19	65	12	2	22
	Prec. 4.....	34	8	4	8	10	0	1	2	3	0	1	0	4	1	9	1	3	1	1	11	12	13	2	0	7
	Prec. 5.....	72	28	2	18	20	3	2	3	3	1	5	5	4	4	14	4	1	1	1	25	11	37	9	2	13
Totals.....		376	125	17	69	109	13	3	14	40	8	13	12	27	22	113	27	18	8	14	100	61	185	37	9	84
Ward 11	Prec. 1.....	33	7	2	2	7	2	0	3	5	3	0	1	3	0	10	1	4	1	0	15	5	14	4	1	9
	Prec. 2.....	23	5	0	1	3	0	0	0	2	0	1	0	2	2	5	2	3	1	0	19	5	6	0	1	11
	Prec. 3.....	45	8	2	1	7	0	0	3	4	5	1	2	14	3	7	2	7	0	2	22	4	16	5	4	16
	Prec. 4.....	48	4	0	2	3	0	0	4	4	4	2	0	18	1	11	2	5	0	1	35	5	14	0	6	23
	Prec. 5.....	24	6	0	3	9	0	1	1	0	0	1	0	3	1	5	0	1	0	2	15	2	5	1	3	13
Totals.....		173	30	4	9	29	2	1	11	15	12	5	3	40	7	38	7	20	2	5	106	21	55	10	15	72
Grand Totals.....		5,877	2,602	243	1,478	1,684	147	25	131	503	115	112	106	507	304	1,138	301	226	105	266	1,761	771	3,381	341	144	1,240

STATE ELECTION, NOVEMBER 5, 1940

CANDIDATES FOR	PRESIDENT AND VICE-PRESIDENT				GOVERNOR As Corrected by Recount Dec. 2, 3, 4				LIEUT. GOVERNOR				SECRETARY																	
	Whole Number of Ballots Cast	Aiken and Orange	Babson and Moorman	Browder and Ford	Roosevelt and Wallace	Thomas and Krueger	Willkie and McNary	Blanks	Blomen	Campbell	Dever	Hood	Root	Saltonstall	Blanks	DeGregory	Gallagher	Hutchins	McGlynn	Williams	Blanks	Cook	Foley	O'Dea	Torra	Wartlainen, Jr.	B anks			
Names of Candidates	Ward 1	Prec. 1 .. Prec. 2 .. Prec. 3 .. Prec. 4 .. Prec. 5 ..	964 1,113 959 1,098 994	1 0 2 2 3	0 0 1 5 3	2 2 5 5 3	774 910 820 883 805	3 3 1 12 4	0 1 0 0 1	149 152 96 154 147	33 42 35 39 32	127 120 78 118 131	7 11 11 14 6	730 846 778 836 771	7 4 0 7 3	5 6 3 7 5	3 6 4 6 4	85 120 85 110 74	152 160 99 160 179	683 799 746 783 705	10 13 6 23 7	14 19 9 20 13	3 3 4 4 4	10 13 6 23 7	14 19 9 20 13	3 3 4 4 4	102 119 95 108 86			
	Totals.....	5,128	8	1	17	4,198	33	778	93	20	10	4,192	23	2	698	181	574	3,961	21	26	23	474	750	3,716	59	75	18	510		
	Ward 2	Prec. 1 .. Prec. 2 .. Prec. 3 .. Prec. 4 .. Prec. 5 ..	915 1,019 835 997 1,097	1 2 1 0 1	1 1 1 0 1	1 4 2 4 3	614 784 656 739 684	3 0 4 1 4	271 208 150 244 392	24 20 21 9 13	2 7 7 2 4	1 2 3 2 4	597 752 593 708 609	4 5 4 7 4	2 2 1 1 0	283 216 194 254 451	25 35 33 23 26	279 206 184 244 449	6 7 6 15 8	555 700 555 651 554	2 5 2 7 2	4 10 8 8 10	56 86 75 70 67	319 238 214 293 495	522 657 517 590 498	1 14 15 17 7	3 2 2 3 6	2 2 4 1 9	68 106 83 93 82	
	Totals.....	4,863	4	4	14	3,477	12	1,265	87	22	12	3,259	24	6	1,398	142	1,362	3,015	37	13	40	354	1,559	2,784	54	16	18	432		
	Ward 3	Prec. 1 .. Prec. 2 .. Prec. 3 .. Prec. 4 .. Prec. 5 ..	967 968 791 737 901	2 1 1 1 0	0 0 1 1 1	4 2 0 2 4	815 743 515 477 630	0 27 5 0 2	119 175 261 240 257	27 20 9 16 7	5 1 1 0 2	2 1 1 0 1	741 758 519 451 535	4 4 2 2 5	1 0 0 3 1	177 185 255 263 333	37 19 14 18 24	159 167 241 242 298	9 5 12 2 6	702 731 492 452 543	5 4 2 4 2	6 0 2 0 2	80 57 38 35 49	170 198 275 284 336	686 670 465 404 486	14 10 2 7 8	10 4 3 3 2	5 2 2 0 1	82 84 44 39 68	
Totals.....	4,364	5	2	12	3,180	34	1,052	79	9	5	3,004	17	5	1,213	112	1,107	2,920	17	10	17	259	1,263	2,711	41	22	10	317			
Ward 4	Prec. 1 .. Prec. 2 .. Prec. 3 .. Prec. 4 .. Prec. 5 ..	936 1,062 975 1,013 1,067	0 1 1 0 0	0 0 1 2 0	2 3 4 5 4	571 525 494 417 479	4 4 12 2 10	338 516 452 579 566	21 13 12 8 8	0 1 3 1 2	3 3 0 1 7	518 475 413 370 375	2 4 3 5 8	2 0 0 0 0	380 566 538 621 661	31 13 18 15 14	376 540 526 603 632	5 5 8 9 6	460 452 395 347 384	3 7 5 6 10	2 4 1 1 3	3 5 8 3 4	86 49 32 44 28	416 592 575 628 664	416 399 339 313 350	5 5 7 11 8	5 1 4 1 2	3 2 2 3 8	91 63 48 57 35	
	Totals.....	5,053	2	2	18	2,486	32	2,451	62	7	14	2,151	22	2	2,766	91	2,677	2,038	31	11	24	239	2,875	1,817	36	13	18	294		
	Ward 5	Prec. 1 .. Prec. 2 .. Prec. 3 .. Prec. 4 .. Prec. 5 ..	974 880 881 885 886	0 1 1 1 0	0 0 2 0 0	1 0 2 0 2	671 410 476 534 563	0 1 1 1 0	281 445 383 336 298	21 23 18 10 23	3 2 3 0 5	1 1 2 1 2	632 343 446 454 502	4 3 2 2 2	1 2 0 0 3	302 506 407 410 342	31 23 21 19 32	314 482 404 398 349	4 3 3 3 3	594 329 408 435 473	2 2 5 4 4	5 0 3 5 1	3 7 2 0 6	52 57 56 40 50	371 518 447 434 401	532 284 363 391 401	3 6 4 19 8	2 3 5 1 8	3 3 2 1 4	63 66 60 39 64
	Totals.....	4,506	3	3	5	2,654	3	1,743	95	13	7	2,377	13	6	1,967	126	1,947	2,239	17	14	18	255	2,171	1,971	40	19	13	292		

Ward 6	Prec. 1 ..	885	0	1	0	614	1	254	15	2	1	592	0	0	0	274	16	261	1	566	1	3	1	52	284	523	2	4	1	71
	Prec. 2 ..	1,117	2	4	11	529	3	557	11	3	1	352	12	2	2	730	17	729	4	353	4	4	4	12	689	339	14	5	5	65
	Prec. 3 ..	1,151	0	0	9	455	8	664	15	0	10	306	10	1	1	807	18	788	10	313	9	1	1	29	800	269	10	3	9	60
	Prec. 4 ..	934	0	0	4	685	0	232	13	0	1	648	7	0	0	259	19	218	4	648	7	0	3	54	245	609	6	2	0	72
	Prec. 5 ..	1,031	4	0	4	706	5	280	32	0	1	651	5	0	0	325	48	309	9	596	6	2	5	104	360	528	18	5	5	115
Totals.....		5,118	6	5	28	2,989	17	1,987	86	5	14	2,549	34	3	3	2,395	118	2,305	28	2,476	34	10	14	251	2,378	2,268	50	19	20	383
Ward 7	Prec. 1 ..	1,127	1	1	12	398	7	688	20	0	3	344	12	3	3	748	17	722	8	335	15	2	2	43	754	300	16	0	6	51
	Prec. 2 ..	1,056	1	0	6	530	6	498	15	1	4	504	8	1	1	515	23	513	8	474	7	1	2	51	576	392	14	4	5	65
	Prec. 3 ..	1,068	3	0	0	256	2	800	7	3	2	224	0	1	1	830	8	813	6	218	1	4	2	24	852	175	0	3	7	31
	Prec. 4 ..	901	0	0	0	333	3	550	15	1	1	287	0	0	0	601	11	577	3	287	1	0	1	32	588	272	0	0	3	38
	Prec. 5 ..	934	0	0	2	267	10	648	7	1	6	202	6	1	1	715	3	699	8	200	7	1	0	19	721	169	9	0	10	25
Totals.....		5,086	5	1	20	1,784	28	3,184	64	6	16	1,561	26	6	6	3,409	62	3,324	33	1,514	31	8	7	169	3,491	1,308	39	7	31	210
Ward 8	Prec. 1 ..	973	0	0	4	343	18	595	13	0	9	210	4	0	0	745	5	696	14	213	6	0	2	42	730	189	3	3	10	38
	Prec. 2 ..	790	0	0	0	351	0	423	16	2	1	369	0	1	1	406	11	391	1	365	0	1	1	31	406	351	1	1	1	30
	Prec. 3 ..	877	0	1	2	346	6	511	11	2	3	219	1	2	2	640	12	620	4	203	4	2	4	40	637	184	2	3	3	48
	Prec. 4 ..	991	0	2	1	424	7	549	8	0	6	292	2	1	1	673	17	650	9	280	2	2	3	45	656	261	5	1	5	63
	Prec. 5 ..	1,163	1	0	6	293	5	851	7	1	4	196	6	0	0	949	7	941	8	173	6	1	2	32	963	145	7	0	9	39
Totals.....		4,794	1	3	13	1,757	36	2,929	55	3	23	1,286	13	4	4	3,413	52	3,298	36	1,234	18	6	12	190	3,392	1,130	18	8	28	218
Ward 9	Prec. 1 ..	891	0	0	0	550	0	327	14	1	4	596	1	0	0	277	12	276	1	571	2	0	2	39	309	519	7	1	1	54
	Prec. 2 ..	868	1	0	0	534	1	317	15	0	1	590	3	0	0	254	20	245	2	587	2	0	8	24	287	520	3	4	1	53
	Prec. 3 ..	730	0	1	3	341	1	378	6	1	1	346	4	1	1	369	8	325	9	361	7	1	1	26	349	337	4	2	5	33
	Prec. 4 ..	762	1	0	2	326	3	417	13	2	3	389	1	1	1	353	13	338	4	383	2	3	1	31	386	331	5	5	2	33
	Prec. 5 ..	936	2	0	4	600	0	313	17	3	1	659	4	3	3	251	14	233	5	614	10	2	6	66	268	565	6	15	2	80
Totals.....		4,187	4	1	9	2,351	5	1,752	65	7	10	2,580	13	5	5	1,504	67	1,417	21	2,516	23	6	18	186	1,599	2,272	25	27	11	253
Ward 10	Prec. 1 ..	804	1	1	1	460	0	331	10	1	0	506	1	1	1	281	14	262	0	507	2	1	0	32	298	457	1	3	1	44
	Prec. 2 ..	834	0	1	0	457	1	363	12	1	1	501	0	3	3	317	11	304	0	504	1	4	5	16	347	444	1	3	1	38
	Prec. 3 ..	857	2	1	7	465	3	362	17	4	2	471	5	2	2	355	16	361	3	424	22	2	2	43	400	381	8	7	4	57
	Prec. 4 ..	850	2	0	3	603	2	216	24	1	3	636	4	0	0	183	23	177	5	596	6	3	5	58	212	556	6	6	6	64
	Prec. 5 ..	914	0	1	5	566	1	325	16	2	1	572	5	0	0	318	16	305	3	545	6	1	3	51	340	502	5	7	3	57
Totals.....		4,259	5	4	16	2,551	7	1,597	79	9	7	2,686	15	6	6	1,454	80	1,409	11	2,576	37	11	15	200	1,597	2,340	21	26	15	260
Ward 11	Prec. 1 ..	886	2	0	1	607	1	254	21	0	2	668	4	0	0	195	17	188	2	642	2	1	3	48	235	575	7	8	0	61
	Prec. 2 ..	851	0	2	0	558	1	278	12	1	0	481	0	0	0	253	16	204	4	590	2	1	3	47	243	540	5	2	1	60
	Prec. 3 ..	848	1	0	0	572	2	255	18	3	0	613	3	1	1	215	14	212	1	569	2	1	6	57	249	509	3	9	0	78
	Prec. 4 ..	912	3	1	0	678	0	204	26	3	1	685	2	0	0	193	28	179	3	644	1	1	3	81	210	597	1	7	2	95
	Prec. 5 ..	833	2	1	3	570	1	238	18	1	0	647	2	1	1	173	9	158	2	625	2	1	7	38	179	593	8	2	0	51
Totals.....		4,330	8	4	4	2,985	5	1,229	95	8	3	3,194	11	2	2	1,029	84	941	12	3,070	9	5	22	271	1,116	2,814	24	28	3	345
Grand Totals		51,688	51	30	156	30,412	212	19,967	860	109	121	28,839	211	47	47	21,246	1,115	20,368	264	27,559	326	120	210	2,848	22,191	25,131	407	260	185	3,514

STATE ELECTION, NOVEMBER 5, 1940

CANDIDATES FOR		TREASURER					AUDITOR					ATTORNEY GENERAL					SENATOR IN CONGRESS													
Ward	Names of Candidates	Whole Number of Ballots Cast	Donahue	Grossman	Hamilton	Hurley	Rowe	Swenson	Blanks	Buckley, A. R.	Buckley, T. J.	Daniels	Kelly	Kimball	Wood	Blanks	Brennan	Bushnell	Figueiredo	Fittz	Hill	Oelcher	Blanks	Frankfeld	Hillis	Paine	Parkman	Thompson	Walsh	Blanks
Ward 1	Precinct 1..		716	5	7	133	5	4	94	9	694	7	2	3	141	108	661	190	12	2	6	3	90	3	97	4	773	77		
	Precinct 2..		821	10	3	130	7	6	136	18	786	6	7	3	143	150	773	181	14	2	2	5	136	11	97	4	865	115		
	Precinct 3..		782	6	2	78	1	1	89	17	747	3	4	5	90	93	744	114	6	3	1	5	86	5	63	7	796	75		
	Precinct 4..		811	20	7	132	3	5	120	18	792	2	9	1	153	123	801	165	20	2	4	4	102	18	96	4	873	90		
	Precinct 5..		751	7	7	136	9	2	82	17	736	4	6	3	135	93	736	159	7	0	2	3	87	9	110	4	784	69		
Totals.....			3,881	48	26	609	25	18	521	79	3,755	22	28	15	662	567	3,715	809	59	9	15	20	501	46	463	23	4,091	426		
Ward 2	Precinct 1..		542	2	11	288	2	5	65	3	524	5	3	4	300	76	529	317	1	1	3	1	63	9	231	5	598	64		
	Precinct 2..		695	12	5	193	8	10	96	16	673	3	7	5	209	106	706	212	12	4	4	2	79	17	181	4	715	89		
	Precinct 3..		530	6	11	197	2	7	82	9	523	9	5	6	206	77	541	197	7	3	2	1	84	9	144	4	595	71		
	Precinct 4..		612	12	3	266	5	3	96	29	587	0	7	5	270	99	612	276	12	3	5	1	88	16	197	15	691	68		
	Precinct 5..		523	6	9	457	5	13	84	19	524	4	2	6	459	83	542	450	9	3	10	1	82	11	410	10	595	56		
Totals.....			2,902	38	39	1,401	22	38	423	76	2,831	21	24	26	1,444	441	2,930	1,452	41	14	24	6	396	62	1,163	38	3,194	348		
Ward 3	Precinct 1..		719	6	10	142	5	3	82	16	679	2	4	7	176	83	707	174	8	1	1	3	73	4	134	6	751	62		
	Precinct 2..		717	5	4	163	0	6	73	24	678	2	4	2	180	78	723	162	6	4	4	0	69	8	140	21	725	66		
	Precinct 3..		477	3	6	253	2	3	47	12	474	3	8	2	243	49	474	267	1	2	1	4	42	2	200	3	536	32		
	Precinct 4..		426	5	3	261	1	1	40	18	412	1	2	5	262	37	423	269	3	0	2	2	38	3	222	2	467	36		
	Precinct 5..		523	7	9	286	1	5	70	10	491	2	1	3	319	75	514	312	7	1	2	1	64	5	286	20	548	35		
Totals.....			2,862	26	32	1,105	9	18	312	80	2,734	10	19	19	1,180	322	2,841	1,184	25	8	10	10	286	22	982	52	3,027	231		
Ward 4	Precinct 1..		441	2	5	376	2	11	99	6	418	6	3	7	397	99	440	389	4	1	7	1	94	5	334	13	497	76		
	Precinct 2..		422	8	7	542	5	4	74	27	398	4	2	4	566	61	428	559	5	1	3	1	65	6	460	4	536	47		
	Precinct 3..		366	9	10	523	4	8	55	20	365	4	3	8	523	52	381	536	4	2	5	0	47	6	448	4	471	37		
	Precinct 4..		322	10	10	597	7	11	56	21	334	8	4	4	581	61	341	591	9	1	7	1	63	5	525	4	432	40		
	Precinct 5..		371	9	6	622	2	13	44	12	376	9	5	2	629	34	358	653	5	2	8	2	39	6	530	4	478	37		
Totals.....		5,053	1,922	38	38	2,660	20	47	328	86	1,891	31	17	25	2,696	307	1,948	2,728	27	7	30	5	308	28	2,297	29	2,414	237		
Ward 5	Precinct 1..		558	4	10	332	1	2	67	13	542	0	6	4	334	75	568	319	6	2	1	1	77	2	253	6	637	69		
	Precinct 2..		296	7	12	493	4	7	61	9	285	1	4	8	508	65	309	503	4	4	5	1	54	6	430	10	379	49		
	Precinct 3..		396	3	14	398	2	6	62	8	372	3	5	5	418	70	394	417	6	2	3	1	58	2	331	6	480	53		
	Precinct 4..		421	4	6	403	1	2	48	8	403	2	2	1	420	49	431	393	4	3	1	2	51	4	339	5	474	57		
	Precinct 5..		440	3	12	361	6	2	62	12	410	5	4	4	388	63	430	384	4	3	1	1	63	5	306	8	513	45		
Totals.....		4,506	2,111	21	54	1,987	14	19	300	50	2,012	11	21	22	2,068	322	2,132	2,016	24	14	11	6	303	19	1,659	35	2,483	273		

Ward 6	Precinct 1..	542	2	2	260	4	4	71	18	541	1	2	3	252	68	537	273	5	1	0	3	66	1	2	8	211	3	601	59
	Precinct 2..	368	15	4	659	4	8	59	21	362	12	4	2	647	69	373	643	12	4	11	3	71	11	3	9	585	3	449	57
	Precinct 3..	299	11	4	761	5	14	57	22	290	12	1	5	771	50	299	782	12	10	0	0	46	10	4	10	697	2	400	28
	Precinct 4..	621	7	4	223	1	4	74	12	597	0	3	0	253	69	617	243	7	1	3	1	62	7	1	1	186	5	697	37
	Precinct 5..	547	8	11	316	6	12	131	16	528	6	6	3	342	130	556	333	6	0	5	3	128	5	3	14	242	7	660	100
Totals.....		2,377	43	25	2,219	20	42	392	89	2,318	31	16	13	2,265	386	2,382	2,274	42	8	29	10	373	34	13	42	1,921	20	2,807	281
Ward 7	Precinct 1..	322	13	1	722	1	8	60	19	311	8	1	10	712	66	327	719	15	2	9	1	54	15	1	6	632	6	425	42
	Precinct 2..	432	15	10	527	3	4	65	13	443	9	3	5	502	81	453	517	6	1	7	2	70	11	3	13	429	2	555	43
	Precinct 3..	203	1	4	819	3	8	30	2	199	5	4	1	828	29	208	824	0	1	4	4	27	0	4	4	732	1	308	19
	Precinct 4..	280	2	3	579	1	3	33	4	272	3	0	3	576	43	277	589	1	0	2	0	32	1	1	3	513	1	342	40
	Precinct 5..	187	8	6	692	0	12	29	10	185	10	2	4	693	30	182	708	7	1	8	3	25	9	0	3	627	2	269	24
Totals.....		1,424	39	24	3,339	8	35	217	48	1,410	35	10	23	3,311	249	1,447	3,357	29	5	30	10	208	36	9	29	2,933	12	1,899	168
Ward 8	Precinct 1..	209	3	11	687	2	15	46	8	188	21	0	1	700	55	200	703	6	1	17	0	46	5	1	17	653	2	273	22
	Precinct 2..	343	0	2	400	2	4	39	5	346	2	3	8	389	37	352	389	2	4	1	1	41	0	0	1	341	2	423	23
	Precinct 3..	193	3	3	621	2	4	51	9	179	6	1	3	626	53	192	620	2	2	4	2	55	2	2	6	579	4	257	27
	Precinct 4..	266	5	6	635	1	8	70	8	283	8	1	6	621	64	285	618	4	3	9	1	71	2	0	12	584	3	338	52
	Precinct 5..	173	7	4	913	6	13	47	13	174	12	0	7	910	47	166	936	6	2	11	1	41	8	0	10	847	4	271	23
Totals.....		1,184	18	26	3,256	13	44	253	43	1,170	49	5	25	3,246	256	1,195	3,266	20	12	42	5	254	17	3	46	3,004	15	1,562	147
Ward 9	Precinct 1..	553	3	2	284	1	0	48	21	509	1	0	4	305	51	535	298	2	1	1	1	53	4	1	1	216	5	628	36
	Precinct 2..	576	2	2	241	2	2	43	5	557	3	1	3	253	46	537	286	0	1	1	3	40	0	0	1	201	0	630	36
	Precinct 3..	347	5	5	335	1	5	32	6	349	2	0	5	333	35	350	354	4	2	2	0	18	1	0	6	269	2	316	36
	Precinct 4..	367	2	2	355	4	3	29	10	350	1	4	4	359	34	362	353	1	1	2	3	40	1	1	2	308	4	423	23
	Precinct 5..	597	7	5	251	2	6	68	16	583	3	4	1	258	71	591	254	10	1	5	0	75	7	2	10	156	3	692	66
Totals.....		2,440	19	16	1,466	10	16	220	58	2,348	10	9	17	1,508	237	2,375	1,545	17	6	11	7	226	13	4	20	1,150	14	2,789	197
Ward 10	Precinct 1..	499	0	12	238	1	2	52	7	441	0	1	3	319	33	461	299	2	1	0	1	40	1	5	2	179	2	581	34
	Precinct 2..	466	0	4	324	2	1	37	2	455	2	1	3	334	37	460	334	0	2	2	1	35	0	1	3	263	3	537	27
	Precinct 3..	415	4	7	363	5	8	55	15	379	5	4	3	389	62	411	368	4	2	8	2	62	10	1	9	310	1	478	48
	Precinct 4..	566	7	7	185	5	7	73	11	539	7	7	3	217	66	556	213	3	1	9	1	67	3	3	11	141	4	634	54
	Precinct 5..	514	6	4	330	1	3	56	9	487	1	4	5	354	54	491	361	8	2	2	1	49	5	2	5	255	4	599	44
Totals.....		2,460	17	34	1,440	14	21	273	44	2,301	15	17	17	1,613	252	2,379	1,575	17	8	21	6	253	19	12	30	1,148	14	2,829	207
Ward 11	Precinct 1..	610	5	7	201	0	3	60	18	566	4	2	1	235	60	598	222	9	0	1	0	56	4	2	7	140	3	678	52
	Precinct 2..	586	2	4	220	1	1	47	13	552	1	8	3	225	49	578	215	2	0	2	1	53	1	1	2	136	3	668	40
	Precinct 3..	534	0	8	211	2	4	79	6	509	0	6	6	255	66	543	225	5	2	2	2	69	0	1	6	153	5	638	45
	Precinct 4..	625	4	3	184	4	2	90	5	570	2	5	3	237	90	600	201	3	4	2	2	100	3	2	9	110	10	685	93
	Precinct 5..	618	4	2	153	3	2	51	8	578	2	7	0	187	51	596	178	3	2	1	3	50	6	1	6	111	4	664	41
Totals.....		2,973	15	24	969	10	12	327	50	2,775	9	28	13	1,139	316	2,915	1,041	22	8	8	8	328	14	7	30	650	25	3,333	271
Grand Totals.....		26,536	322	338	20,451	165	310	3,566	703	25,545	244	194	215	21,132	3,655	26,259	21,247	323	99	231	93	3,436	310	116	401	17,370	277	30,428	2,786

REPORT OF ELECTION COMMISSIONERS

[illegible]

STATE ELECTION, NOVEMBER 5, 1940

[illegible]

STATE ELECTION, NOVEMBER 5, 1940

CANDIDATES FOR		REPRESENTATIVES THIRD MIDDLESEX					CLERK OF COURTS		REGISTER OF DEEDS			COUNTY COMMISSIONERS					COUNTY TREASURER				
Names of Candidates		Whole Number of Ballots Cast	Coutts	O'Neill, Jr.	Pelletier	Sullivan	Blanks	Duffy	Putnam	Blanks	Clair	Leighton	Blanks	Bowditch	Brennan	Giroux	Kelley	Blanks	Howard	Hurley	Blanks
Ward 1	Precinct 1 ..	964						715	119	130	695	128	141	79	652	88	522	587	105	728	131
	Precinct 2 ..	1,113						842	112	159	825	101	187	74	754	65	583	750	101	834	178
	Precinct 3 ..	959						762	80	117	755	75	129	52	698	54	583	531	66	758	135
	Precinct 4 ..	1,098						848	101	149	815	106	177	75	762	64	618	677	102	834	162
	Precinct 5 ..	994						781	108	105	754	114	126	78	724	70	605	511	117	768	109
Totals.....		5,128						3,948	520	660	3,844	524	760	358	3,590	341	2,911	3,056	491	3,922	715
Ward 2	Precinct 1 ..	915						587	232	96	567	238	110	193	528	183	434	492	237	589	89
	Precinct 2 ..	1,019						714	158	147	686	175	158	134	678	119	550	557	167	710	142
	Precinct 3 ..	835						582	147	106	552	151	132	115	522	132	442	459	145	575	115
	Precinct 4 ..	997						658	200	139	606	228	163	178	593	180	480	563	233	617	147
	Precinct 5 ..	1,097						585	398	114	549	419	129	344	518	358	435	539	422	556	119
Totals.....		4,863						3,126	1,135	602	2,960	1,211	692	964	2,839	972	2,341	2,610	1,204	3,047	612
Ward 3	Precinct 1 ..	967						748	105	114	728	112	127	88	675	88	545	538	104	749	114
	Precinct 2 ..	968						682	144	142	690	145	133	93	672	90	538	543	123	718	127
	Precinct 3 ..	791						495	208	88	488	222	81	185	474	175	389	359	213	494	84
	Precinct 1 ..	737						450	212	75	438	228	71	169	426	186	352	341	211	457	69
	Precinct 5 ..	901						556	237	108	506	287	108	210	535	189	442	426	235	541	125
Totals.....		4,364						2,931	906	527	2,850	994	520	745	2,782	728	2,266	2,207	886	2,959	519
Ward 4	Precinct 1 ..	936						499	323	114	464	340	132	314	430	291	380	457	357	460	119
	Precinct 2 ..	1,062						455	497	110	415	523	124	460	413	452	331	468	504	440	118
	Precinct 3 ..	975						433	460	82	391	509	75	442	389	446	315	358	481	410	84
	Precinct 4 ..	1,013						378	525	110	336	569	108	503	336	516	262	409	552	356	105
	Precinct 5 ..	1,067						432	542	93	376	584	107	529	391	512	327	375	590	379	98
Totals.....		5,053						2,197	2,347	509	1,982	2,525	546	2,248	1,959	2,217	1,615	2,067	2,484	2,045	524
Ward 5	Precinct 1 ..	974						627	242	105	569	282	123	245	549	238	477	439	279	592	103
	Precinct 2 ..	880						332	455	93	298	479	103	425	300	412	263	360	465	327	88
	Precinct 3 ..	881						438	342	101	404	374	103	338	386	323	334	381	355	422	104
	Precinct 4 ..	885						477	327	81	439	359	87	320	415	313	371	351	359	450	76
	Precinct 5 ..	886						499	312	75	463	334	89	285	432	290	389	376	331	469	86
Totals.....		4,506						2,373	1,678	455	2,173	1,828	505	1,613	2,082	1,576	1,834	1,907	1,789	2,260	457

REPORT OF ELECTION COMMISSIONERS

[illegible]

Ward 6	Precinct 1.	885	488	234	163	461	194	230	481	181	223	320	465	100	565	116	204	495	161	229
	Precinct 2.	1,117	645	300	172	642	245	230	713	186	218	769	232	116	567	300	250	495	375	247
	Precinct 3.	1,151	595	354	202	618	279	254	679	221	251	843	186	116	592	301	258	451	427	273
	Precinct 4.	934	586	194	154	561	167	206	588	149	197	399	407	128	601	84	249	568	114	252
	Precinct 5.	1,031	621	186	224	590	168	273	602	154	275	428	378	225	676	69	286	606	115	310
Totals.....		5,118	2,935	1,268	915	2,872	1,053	1,193	3,063	891	1,164	2,759	1,668	691	3,001	970	1,247	2,615	1,192	1,311
Ward 7	Precinct 1.	1,127	610	351	166	627	294	206	689	244	194	806	214	107	600	284	243	507	388	232
	Precinct 2.	1,056	584	324	148	577	276	203	630	234	192	614	321	121	647	202	207	564	264	228
	Precinct 3.	1,068	470	418	180	484	368	216	546	309	213	809	152	107	550	280	238	386	444	238
	Precinct 4.	901	443	314	144	457	246	198	517	207	177	622	185	94	434	275	192	328	390	183
	Precinct 5.	934	417	379	138	456	298	180	513	255	166	750	113	71	412	321	201	292	449	193
Totals.....		5,086	2,524	1,786	776	2,601	1,482	1,003	2,895	1,249	942	3,601	985	500	2,643	1,362	1,081	2,077	1,935	1,074
Ward 8	Precinct 1.	973	534	285	154	563	206	204	598	170	205	759	129	85	318	417	238	253	489	231
	Precinct 2.	790	415	242	133	445	86	259	471	155	164	437	285	68	401	208	181	324	285	181
	Precinct 3.	877	419	281	177	471	188	218	491	178	202	664	124	89	343	308	226	263	411	203
	Precinct 4.	991	519	295	177	539	227	225	579	187	225	714	168	109	499	255	237	373	387	231
	Precinct 5.	1,163	560	441	162	594	355	214	669	285	209	990	93	80	546	400	217	364	589	210
Totals.....		4,794	2,447	1,544	803	2,612	1,062	1,120	2,814	975	1,005	3,564	799	431	2,107	1,588	1,099	1,577	2,161	1,056
Ward 9	Precinct 1.	891	540	180	171	528	154	209	568	121	202	366	420	105	587	94	210	543	127	221
	Precinct 2.	868	508	184	176	500	158	210	527	142	199	365	379	124	547	87	234	496	132	240
	Precinct 3.	730	412	213	105	416	187	127	446	157	127	377	306	47	385	197	148	350	219	161
	Precinct 4.	762	423	243	96	429	193	140	471	159	132	423	272	67	400	205	157	374	236	152
	Precinct 5.	936	510	212	214	479	189	268	522	158	256	379	398	159	550	115	271	502	157	277
Totals.....		4,187	2,393	1,032	762	2,352	881	954	2,534	737	916	1,910	1,775	502	2,469	698	1,020	2,265	871	1,051
Ward 10	Precinct 1.	804	388	282	134	373	249	182	452	189	163	324	382	98	515	96	193	453	144	207
	Precinct 2.	834	437	277	120	423	253	158	481	203	150	389	337	108	561	90	183	500	158	176
	Precinct 3.	857	520	204	133	531	162	164	509	172	176	466	255	136	563	94	200	509	132	216
	Precinct 4.	850	500	180	170	482	162	206	492	151	207	360	349	141	518	98	234	481	124	245
	Precinct 5.	914	578	178	158	543	161	210	575	134	205	445	335	134	624	86	204	562	134	218
Totals.....		4,259	2,423	1,121	715	2,352	987	920	2,509	849	901	1,984	1,658	617	2,781	464	1,014	2,505	692	1,062
Ward 11	Precinct 1.	886	519	200	167	486	184	216	539	137	210	352	360	174	573	70	243	535	85	266
	Precinct 2.	851	451	270	130	422	240	189	498	190	163	357	383	111	538	103	210	497	132	222
	Precinct 3.	848	517	177	154	470	161	217	518	119	211	318	391	139	522	69	257	478	98	272
	Precinct 4.	912	572	168	182	533	170	209	590	109	213	373	359	180	560	84	268	534	99	279
	Precinct 5.	833	459	243	121	442	212	179	500	166	167	268	455	110	542	87	204	506	106	221
Totals.....		4,330	2,518	1,058	754	2,353	967	1,010	2,645	721	964	1,668	1,948	714	2,735	313	1,182	2,550	520	1,260
Grand Totals.....		51,688	28,416	14,173	9,099	27,842	12,062	11,784	29,988	10,322	11,378	25,873	18,310	7,505	30,822	8,071	12,795	27,117	11,474	13,097

POLICE LISTING
January 1, 1940

VOTING LIST
November 5, 1940

WARD ONE

Precinct	Men	Women	Totals	Men	Women	Totals
1	890	831	1,721	646	451	1,097
2	1,020	907	1,927	736	511	1,247
3	835	850	1,685	565	497	1,062
4	1,075	1,011	2,086	727	513	1,240
5	899	907	1,806	641	474	1,115
Totals	4,719	4,506	9,225	3,315	2,446	5,761

WARD TWO

1	796	713	1,509	574	474	1,048
2	789	797	1,586	610	535	1,145
3	827	750	1,577	561	400	961
4	746	860	1,606	566	526	1,092
5	947	874	1,821	680	545	1,225
Totals	4,105	3,994	8,099	2,991	2,480	5,471

WARD THREE

1	853	867	1,720	615	459	1,074
2	688	763	1,451	537	555	1,092
2	507	607	1,114	419	465	884
4	513	514	1,027	434	393	827
5	457	627	1,084	429	535	964
Totals	3,018	3,378	6,396	2,434	2,407	4,841

WARD FOUR

1	753	832	1,585	556	522	1,078
2	767	838	1,605	587	589	1,176
3	824	750	1,574	571	516	1,087
4	576	841	1,417	447	644	1,091
5	557	858	1,415	461	690	1,151
Totals	3,477	4,119	7,596	2,622	2,961	5,583

WARD FIVE

1	789	779	1,568	591	515	1,106
2	596	812	1,408	447	528	975
3	575	662	1,237	472	487	959
4	638	627	1,265	525	447	972
5	722	746	1,468	562	458	1,020
Totals	3,320	3,626	6,946	2,597	2,435	5,032

WARD SIX

1	572	674	1,246	467	504	971
2	649	798	1,447	562	651	1,213
3	604	880	1,484	552	706	1,258
4	615	684	1,299	505	488	993
5	854	909	1,763	625	534	1,159
Totals	3,294	3,945	7,239	2,711	2,883	5,594

POLICE LISTING
January 1, 1940

VOTING LIST
November 5, 1940

WARD SEVEN

Precinct	Men	Women	Totals	Men	Women	Totals
1	594	880	1,474	496	719	1,215
2	611	730	1,341	557	595	1,152
3	497	874	1,371	410	727	1,137
4	452	675	1,127	396	564	960
5	419	761	1,180	353	645	998
Totals	2,573	3,920	6,493	2,212	3,250	5,462

WARD EIGHT

1	462	787	1,249	427	618	1,045
2	374	596	970	342	493	835
3	446	714	1,160	392	562	954
4	547	745	1,292	459	611	1,070
5	473	922	1,395	426	822	1,248
Totals	2,302	3,764	6,066	2,046	3,106	5,152

WARD NINE

1	522	599	1,121	466	510	976
2	495	596	1,091	438	491	929
3	378	494	872	341	437	778
4	430	559	989	389	450	839
5	614	672	1,286	528	500	1,028
Totals	2,439	2,920	5,359	2,162	2,388	4,550

WARD TEN

1	463	564	1,027	413	465	878
2	543	654	1,197	430	492	922
3	562	652	1,214	477	484	961
4	576	605	1,181	490	448	938
5	606	616	1,222	539	471	1,010
Totals	2,750	3,091	5,841	2,349	2,360	4,709

WARD ELEVEN

1	603	620	1,223	507	481	988
2	528	590	1,118	464	492	956
3	532	630	1,162	460	482	942
4	591	612	1,203	511	478	989
5	534	558	1,092	468	440	908
Totals	2,788	3,010	5,798	2,410	2,373	4,783
Grand Totals	34,785	40,273	75,058	27,849	29,089	56,938

ENROLLED VOTERS, NOVEMBER 5, 1940

Democratic				Republican		
WARD ONE						
Precinct	Men	Women	Totals	Men	Women	Totals
1	503	331	834	28	22	50
2	587	374	961	17	7	24
3	474	374	848	14	8	22
4	533	345	878	26	12	38
5	476	308	784	18	9	27
Totals	2,573	1,732	4,305	103	58	161
WARD TWO						
1	321	236	557	89	72	161
2	421	349	770	48	48	96
3	330	219	549	46	45	91
4	340	279	619	62	63	125
5	312	222	534	90	101	191
Totals	1,724	1,305	3,029	335	329	664
WARD THREE						
1	411	284	695	29	16	45
2	380	387	767	26	39	65
3	241	229	470	50	83	133
4	254	205	459	50	55	105
5	281	326	607	59	76	135
Totals	1,567	1,431	2,998	214	269	483
WARD FOUR						
1	221	180	401	133	117	250
2	195	159	354	149	168	317
3	188	124	312	129	158	287
4	146	140	286	121	212	333
5	175	206	381	97	196	293
Totals	925	809	1,734	629	851	1,480
WARD FIVE						
1	292	237	529	105	98	203
2	136	138	274	156	223	379
3	199	155	354	130	153	283
4	320	178	498	159	131	290
5	245	152	397	120	92	212
Totals	1,192	860	2,052	670	697	1,367
WARD SIX						
1	292	262	554	62	67	129
2	206	178	384	113	155	268
3	124	137	261	136	241	377
4	334	330	664	53	36	89
5	303	230	533	108	91	199
Totals	1,259	1,137	2,396	472	590	1,062

ENROLLED VOTERS, NOVEMBER 5, 1940

Democratic

Republican

WARD SEVEN

Precinct	Men	Women	Totals	Men	Women	Totals
1	140	157	297	122	213	335
2	220	211	431	115	133	248
3	87	116	203	164	328	492
4	134	153	287	125	213	338
5	68	103	171	124	265	389
Totals	649	740	1,389	650	1,152	1,802

WARD EIGHT

1	111	117	228	156	218	374
2	176	231	407	68	102	170
3	117	118	235	139	244	383
4	125	136	361	146	198	344
5	68	73	141	133	305	438
Totals	597	675	1,272	642	1,067	1,709

WARD NINE

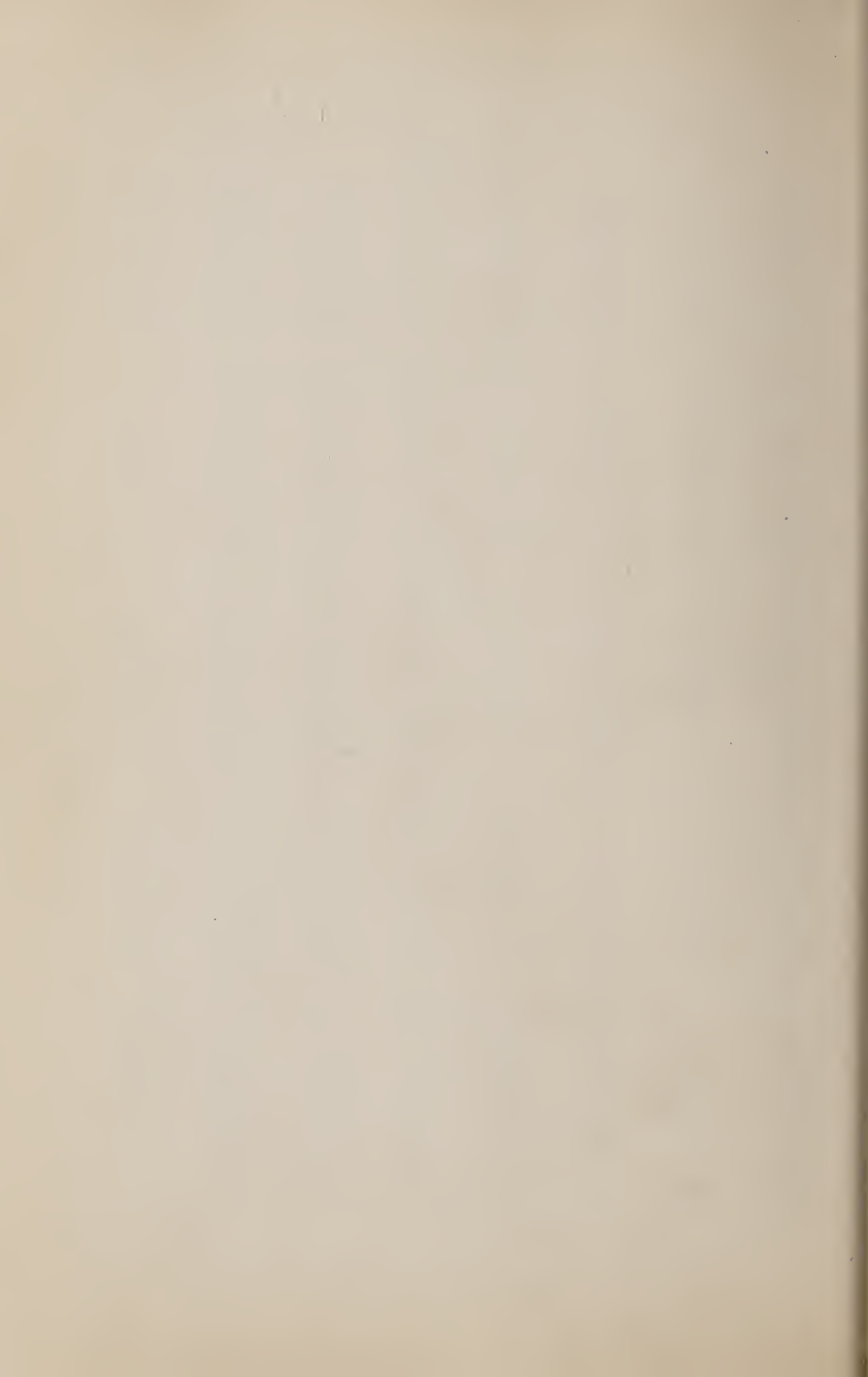
1	288	316	604	61	59	120
2	297	332	629	41	47	88
3	192	224	416	63	78	141
4	220	210	430	93	116	209
5	387	340	727	31	39	70
Totals	1,384	1,422	2,806	289	339	628

WARD TEN

1	289	295	584	46	50	96
2	225	221	446	75	90	165
3	224	210	434	98	101	199
4	323	269	592	33	62	95
5	237	234	471	73	66	139
Totals	1,298	1,229	2,527	325	369	694

WARD ELEVEN

1	356	302	658	42	38	80
2	336	325	661	30	30	60
3	283	381	654	49	42	91
4	340	296	636	52	47	99
5	309	306	615	34	17	51
Totals	1,624	1,610	3,234	207	174	381
Grand Totals	14,792	12,950	27,742	4,536	5,895	10,431



CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
WATER BOARD

For the Year Ending December 31, 1940



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

CAMBRIDGE WATER BOARD

December 31, 1940

Members of the Board

HENRY L. SKELLEY.....	Term expires 1941
JOHN J. FOLEY.....	Term expires 1942
THOMAS H. O'HARA.....	Term expires 1943
DR. GEORGE F. McINNES.....	Term expires 1944
JOHN A. McDONALD.....	Term expires 1945

General Superintendent of Water Works and Clerk of the Water Board

TIMOTHY W. GOOD

CAMBRIDGE WATER BOARD

Date of election and length of service of members, 1865-1940

CHESTER W. KINGSLEY.....	1865—1894
JOHN SARGENT.....	1865—1871
A. K. P. WELCH.....	1865—1871
ROBERT DOUGLASS.....	1865—1871
SAMUEL SLOCOMB.....	1865—1876
Z. L. RAYMOND.....	1871
HENRY L. EUSTIS.....	1871—1885
J. WARREN MERRILL.....	1871—1881
GEORGE P. CARTER.....	1871—1883
JOHN H. LEIGHTON.....	1876—1879
KNOWLTON S. CHAFFEE.....	1879—1889
JAMES M. W. HALL.....	1881—1899
LEANDER M. HANNUM.....	{ 1883—1884 1885—1893
JOHN F. O'BRIEN.....	1884—1895
GEORGE F. HOWARD.....	1889—1910
E. BURT PHILLIPS.....	1893—1896
FRANK A. ALLEN.....	1895—1899
STILLMAN F. KELLY.....	1894—1903
WELLINGTON FILLMORE.....	1896—1903
EDMUND H. STEVENS.....	1899—1907
WILLIAM B. DURANT.....	1899—1907
ANDREW J. RADY.....	1903—1914
JOHN F. O'BRIEN.....	1903—1923
ALVIN F. SORTWELL.....	1907—1910
JAMES J. SCULLY.....	1910—1928
AUGUSTUS W. DUDLEY.....	1907—1909
JOSEPH E. DOHERTY.....	1909—1929
BERNARD E. McDERMOTT.....	1910—1930
JOHN P. CONROY.....	1914—1925
MARTIN A. FEELEY.....	1925—1931
THOMAS E. KENNEDY.....	1926—1930
HENRY L. SKELLEY.....	1928 (Now in office)
DR. GEORGE F. McINNES.....	1929 (Now in office)
HOWARD M. TURNER.....	1930—1937
JAMES J. SCULLY.....	1930—1934
DANIEL CRONIN.....	1934—1935
THOMAS H. O'HARA.....	1935 (Now in office)
TIMOTHY F. McCARTHY.....	1935—1940
JOHN J. FOLEY.....	1937 (Now in office)
JOHN A. McDONALD	1940 (Now in office)

Presidents of the Board

J. WARREN MERRILL.....	1865—1867
EZRA PARMENTER.....	1867—1867
JOHN SARGENT.....	1867—1871
J. WARREN MERRILL.....	1871—1873
CHESTER W. KINGSLEY.....	1873—1876
GEORGE P. CARTER.....	1876—1883
CHESTER W. KINGSLEY.....	1883—1894
JAMES M. W. HALL.....	1894—1899
WILLIAM B. DURANT.....	1899—1907
ALVIN F. SORTWELL.....	1907—1910
ANDREW J. RADY.....	1910—1914
JAMES J. SCULLY.....	1914—1928
BERNARD E. McDERMOTT.....	1928—1930
MARTIN A. FEELEY.....	1930—1931
DR. GEORGE F. McINNES.....	1931—1940

Superintendents of Water Works

Date and length of service

GEORGE W. FIFIELD.....	1857—1864
S. W. DUDLEY.....	1865—1876
HIRAM NEVONS.....	1877—1893
JOHN HARRINGTON.....	1894—1895
EDWIN C. BROOKS.....	1895—1912
EDWARD W. QUINN.....	1913—1917
TIMOTHY W. GOOD.....	1918 (Now in office)

REPORT OF THE CAMBRIDGE WATER BOARD

December 31, 1940.

To the Honorable City Council:

The seventy-sixth annual report of the Cambridge Water Board for the year ending December 31, 1940, is herewith submitted for your consideration. The report of the General Superintendent gives in detail the operations and expenditures of the Department. Reference is also made to the report of the Commissioners of the Sinking Fund of the City.

FINANCIAL STATEMENT IN BRIEF

Total cost of Water Works to December 31, 1939	\$9,276,352 48
New main pipe, hydrants, and gates	50,000 00
Total cost of Water Works to December 31, 1940	\$9,326,352 48
Maturing debt	\$588,000 00
Value of Sinking Fund	\$38,004 52
Funded bonds	26,500 00
	11,504 52
Net water debt December 31, 1940	\$576,495 48

No contribution has been made to the Sinking Fund since December 1, 1917.
All water debt since 1913 must be made in serial form.

Funded Water Debt

Date of Issue	Interest	From	Due	Amount
March 1, 1911	3½%	30 years	March 1, 1941	\$16,500 00
December 1, 1911	3½%	30 years	December 1, 1941	10,000 00
				\$26,500 00

Maturing Debt of Water Department

Due year ending December 31, 1941	\$57,500 00
Due year ending December 31, 1942	57,500 00
Due year ending December 31, 1943	44,500 00
Due year ending December 31, 1944	44,500 00
Due year ending December 31, 1945	43,000 00
Due year ending December 31, 1946	43,000 00
Due year ending December 31, 1947	42,000 00
Due year ending December 31, 1948	42,000 00
Due year ending December 31, 1949	42,000 00
Due year ending December 31, 1950	34,000 00
Due year ending December 31, 1951	23,000 00
Amount carried forward	\$473,000 00

Maturing Debt of Water Department—Continued

<i>Amount brought forward</i>	\$473,000 00
Due year ending December 31, 1952.....	23,000 00
Due year ending December 31, 1953.....	23,000 00
Due year ending December 31, 1954.....	23,000 00
Due year ending December 31, 1955.....	23,000 00
Due year ending December 31, 1956.....	23,000 00
	\$588,000 00
The interest to be paid on the above for 1941 is.....	\$22,250 00

Maturing Debt Due in 1941

<i>Issued</i>		
July, 1914.....	4%	\$1,500 00
October, 1921 (Filtration).....	4½%	11,000 00
October, 1922 (Filtration).....	4%	13,000 00
August, 1931 (Stony Brook Conduit and 24- to	3½%	9,000 00
30-inch mains).....	3½%	15,000 00
April, 1934, water mains.....	3¼%	3,000 00
October, 1934, water mains.....	3¼%	5,000 00
		\$57,500 00

Statements of yearly revenue received from water rates since the purchase of the works by the City:

From April 28, 1865, to December 1, 1865.....	\$32,367 19
From December 1, 1865, to December 1, 1866.....	40,073 27
From December 1, 1866, to December 1, 1867.....	53,733 62
From December 1, 1867, to December 1, 1868.....	63,747 42
From December 1, 1868, to December 1, 1869.....	76,149 30
From December 1, 1869, to December 1, 1870.....	92,605 95
From December 1, 1870, to December 1, 1871.....	111,782 65
From December 1, 1871, to December 1, 1872.....	127,201 30
From December 1, 1872, to December 1, 1873.....	146,117 32
From December 1, 1873, to December 1, 1874.....	153,634 27
From December 1, 1874, to December 1, 1875.....	138,880 37
From December 1, 1875, to December 1, 1876.....	179,166 76
From December 1, 1876, to December 1, 1877.....	154,843 59
From December 1, 1877, to December 1, 1878.....	157,443 91
From December 1, 1878, to December 1, 1879.....	164,681 90
From December 1, 1879, to December 1, 1880.....	173,325 49
From December 1, 1880, to December 1, 1881.....	170,062 73
From December 1, 1881, to December 1, 1882.....	177,430 80
From December 1, 1882, to December 1, 1883.....	179,361 89
From December 1, 1883, to December 1, 1884.....	161,526 27
From December 1, 1884, to December 1, 1885.....	185,544 36
From December 1, 1885, to December 1, 1886.....	199,404 43
From December 1, 1886, to December 1, 1887.....	204,748 64
From December 1, 1887, to December 1, 1888.....	211,156 27
From December 1, 1888, to December 1, 1889.....	221,124 70
From December 1, 1889, to December 1, 1890.....	231,116 32
From December 1, 1890, to December 1, 1891.....	227,054 53
From December 1, 1891, to December 1, 1892.....	237,527 08
From December 1, 1892, to December 1, 1893.....	212,219 78
From December 1, 1893, to December 1, 1894.....	250,032 71
From December 1, 1894, to December 1, 1895.....	268,813 62
From December 1, 1895, to December 1, 1896.....	281,030 00

From December 1, 1896, to December 1, 1897.....	\$291,457	62
From December 1, 1897, to December 1, 1898.....	267,129	78
From December 1, 1898, to December 1, 1899.....	302,569	00
From December 1, 1899, to December 1, 1900.....	319,479	37
From December 1, 1900, to December 1, 1901.....	320,468	01
From December 1, 1901, to December 1, 1902.....	323,000	53
From December 1, 1902, to December 1, 1903.....	333,777	34
From December 1, 1903, to December 1, 1904.....	339,109	27
From December 1, 1904, to December 1, 1905.....	343,916	00
From December 1, 1905, to December 1, 1906.....	355,768	47
From December 1, 1906, to December 1, 1907.....	373,151	35
From December 1, 1907, to March 31, 1909 (16 months).....	410,533	41
From April 1, 1909, to March 31, 1910.....	351,264	86
From April 1, 1910, to March 31, 1911.....	375,722	42
*From April 1, 1911, to March 31, 1912.....	353,891	02
From April 1, 1912, to March 31, 1913.....	385,475	71
From April 1, 1913, to March 31, 1914.....	383,342	41
From April 1, 1914, to March 31, 1915.....	396,827	26
From April 1, 1915, to March 31, 1916.....	394,908	36
From April 1, 1916, to March 31, 1917.....	401,607	91
From April 1, 1917, to March 31, 1918.....	358,335	70
From April 1, 1918, to March 31, 1919.....	423,906	10
From April 1, 1919, to March 31, 1920.....	403,250	84
From April 1, 1920, to March 31, 1921.....	453,775	94
From April 1, 1921, to March 31, 1922.....	441,109	10
From April 1, 1922, to March 31, 1923.....	486,098	14
From April 1, 1923, to March 31, 1924.....	500,193	02
From April 1, 1924, to March 31, 1925.....	490,487	73
From April 1, 1925, to March 31, 1926.....	512,219	95
From April 1, 1926, to March 31, 1927.....	525,034	28
From April 1, 1927, to March 31, 1928.....	517,487	82
From April 1, 1928, to March 31, 1929.....	535,736	67
From April 1, 1929, to March 31, 1930.....	564,378	31
From April 1, 1930, to March 31, 1931.....	555,681	71
From April 1, 1931, to December 31, 1931 (9 months).....	391,537	21
From January 1, 1932, to December 31, 1932.....	473,507	56
From January 1, 1933, to December 31, 1933.....	479,078	66
From January 1, 1934, to December 31, 1934.....	477,347	34
From January 1, 1935, to December 31, 1935.....	465,220	52
From January 1, 1936, to December 31, 1936.....	473,151	81
From January 1, 1937, to December 31, 1937.....	501,095	59
From January 1, 1938, to December 31, 1938.....	483,799	94
From January 1, 1939, to December 31, 1939.....	491,201	62
From January 1, 1940, to December 31, 1940.....	519,204	39

Surplus Receipts

The surplus receipts March 31, 1918.....	33,543	71
The surplus receipts March 31, 1919.....	105,994	89
The surplus receipts March 31, 1920.....	71,060	28
The surplus receipts March 31, 1921.....	80,242	80
The surplus receipts March 31, 1922.....	25,182	90
The surplus receipts March 31, 1923.....	113,295	39
The surplus receipts March 31, 1924.....	12,528	94
The surplus receipts March 31, 1925.....	27,414	64
The surplus receipts March 31, 1926.....	50,465	05
The surplus receipts March 31, 1927.....	59,115	08
The surplus receipts March 31, 1928.....	39,606	50
The surplus receipts March 31, 1929.....	62,673	42
The surplus receipts March 31, 1930.....	96,501	04

* Reduction of water rates in 1911.

The surplus receipts March 31, 1931.....	\$104,998 36
The surplus receipts for nine months December 31, 1931.....	31,756 88
The total surplus receipts 1932.....	39,561 27
The surplus receipts December 31, 1933.....	35,877 35
The surplus receipts December 31, 1934.....	66,665 99
The surplus receipts December 31, 1935.....	63,486 11
The surplus receipts December 31, 1936.....	44,164 77
The surplus receipts December 31, 1937.....	106,775 48
The surplus receipts December 31, 1938.....	111,376 79
The surplus receipts December 31, 1939.....	138,008 00
The surplus receipts December 31, 1940.....	208,887 68

	Commitments	Collections*	Expended
March 31, 1930.....	581,033 49	564,378 31	467,877 27
March 31, 1931.....	573,049 81	555,681 71	450,683 35
December 31, 1931 †.....	412,552 60	391,537 21	356,710 42
December 31, 1932.....	501,545 14	473,507 56	468,149 92
December 31, 1933.....	494,132 07	479,078 66	438,760 30
December 31, 1934.....	482,467 74	477,347 34	420,448 63
December 31, 1935.....	478,227 67	465,220 52	437,772 58
December 31, 1936.....	476,973 72	473,151 81	503,943 48
December 31, 1937.....	490,587 75	501,095 59	438,340 04
December 31, 1938.....	474,630 95	483,799 94	439,249 29
December 31, 1939.....	498,368 13	491,201 62	465,538 72
December 31, 1940.....	505,725 03	519,204 39	444,177 96

*Collections include amounts previously due.

†Fiscal year formerly ended March 31. Changed, in 1931, to end December 31.

CONSUMPTION OF WATER

	Gallons
The total pumpage of water for the year ending December 31, 1939 365 days	4,443,447,390
The total pumpage of water for the year ending December 31, 1940 366 days	4,491,500,500
Increase.....	48,053,110
Daily average pumping during 1939.....	12,173,828
Daily average pumping during 1940.....	12,271,859
Increase.....	98,031
The daily average consumption per capita based on population in 1940 from figures furnished by the Census Division at the State House Recently (110,879 population)	110.67

METERS

More than ninety-nine per cent of our supplies are metered, as follows:

Domestic and industrial services.....	13,788
*Public buildings.....	85
Total meters in use.....	13,873

Since July 25, 1931, all new buildings have been metered.

*No charge is made to the City for water for any purposes.

RESERVOIRS

In Fresh Pond the elevation of the water is 17.37. The lowest elevation noted in this basin during 1940 was 10.47 on February 27, 1940.

In Stony Brook the elevation of the water is 76.70. The lowest elevation noted in this basin during 1940 was 73.04 on February 7, 1940.

In Hobbs Brook the elevation of the water is 182.41. The lowest elevation noted in this basin during 1940 was 174.34 on January 10, 11, 12, 1940.

The overflow from Stony Brook into Charles River during the year 1940 was 1,399,986,000 gallons.

REPORT OF THE GENERAL SUPERINTENDENT OF THE CAMBRIDGE WATER WORKS

Cambridge, Mass., December 31, 1940.

To the Honorable Water Board:

The report of the General Superintendent for the year ending December 31, 1940, is respectfully submitted.

The financial reports are compiled from figures submitted by the clerical department.

Amount of bills uncollected December 31, 1939:

Water rates, schedule.....	\$3,634 30	
Water rates, meters.....	73,276 65	
New supplies.....	1,267 44	
Supplies renewed.....	3,578 17	
Maintenance, general.....	3,481 25	
Maintenance, setting meters.....	147 86	
Maintenance, cleaning supplies.....	205 00	
Off and on.....	123 00	
Seals.....	7 75	
Rents.....	36 00	
Fire supplies.....	75 00	
Total uncollected December 31, 1939		\$85,832 42

Amount of bills committed to City Treasurer for collection from January 1, 1940 to December 31, 1940:

Water rates, schedule.....	\$1,641 00	
Water rates, meters.....	492,041 24	
New supplies.....	3,869 49	
Supplies renewed.....	4,639 02	
Maintenance, general.....	1,020 38	
Maintenance, cleaning supplies.....	125 00	
Off and on.....	145 00	
Rents.....	943 90	
Fire supplies.....	1,300 00	
Total commitment December 31, 1940		\$505,725 03
		\$591,557 45

There have been collected:

Water rates, schedule.....	\$1,582 19
Water rates, meters.....	505,504 24
New supplies.....	3,888 29
Supplies renewed.....	4,734 89
Maintenance, general.....	1,045 88
Maintenance, cleaning supplies.....	105 00
Off and on.....	137 00

Rents.....	\$931 90
Fire supplies.....	1,275 00
Total collected to December 31, 1940	<u>\$519,204 39</u>
Abatements.....	11,951 07
	<u>\$531,155 46</u>
Deduct duplicate payments during the year	779 35
	<u>\$530,376 11</u>

There remains uncollected December 31, 1940:

Water rates, schedule.....	\$1,604 75
Water rates, meters.....	55,746 54
New supplies.....	600 29
Supplies renewed.....	2,068 06
Maintenance, general.....	180 35
Maintenance, cleaning supplies.....	30 00
Off and on.....	34 00
Rents.....	48 00
Fire supplies.....	90 00
Total uncollected December 31, 1940.....	<u>\$60,401 99</u>

EXPENDITURES

Maintenance:	
*General Account.....	\$293,499 14
Pumping Account.....	54,852 55
Reservoirs Account.....	46,670 78
Filtration Account.....	49,155 49
	<u>\$444,177 96</u>

*Maturing debt, \$57,500 00, and Interest on debt, \$24,713 75, are included in General Maintenance Account.

The surplus receipts retained in the City Treasury, to the credit of the Water Department, as required by law, amount to \$208,887 68

Abatements.....	\$11,951 07
Refunds (by City Treasurer for duplicate payments, etc., not made by Water Department)	\$779 35

Comparison of Pumpage

	Pumpage		Increase* or Decrease†
	1939	1940	
	Gallons	Gallons	Gallons
January	358,732,420	379,745,300	21,012,880*
February	323,554,300	344,636,600	21,082,300*
March	353,076,900	368,791,500	15,714,600*
April	330,108,100	344,669,600	14,561,500*
May	362,035,500	373,827,300	11,791,800*
June	367,322,800	354,247,000	13,075,800†
July	407,062,700	382,657,400	24,405,300†
August	420,284,370	398,772,000	21,512,370†
September	382,648,200	377,056,900	5,591,300†
October	399,847,800	391,504,500	8,343,300†
November	371,715,300	369,088,500	2,626,800†
December	367,059,000	406,503,900	39,444,900*
Totals	4,443,447,390 (365 days)	4,491,500,500 (366 days)	48,053,110* (Increase)

*Increase.
†Decrease.

Comparative Total Pumping During Past Ten Years

Year	Annual Pumpage Gallons	Total Increase or Decrease Gallons	Average Daily Pumpage Gallons	Daily Increase or Decrease Gallons	Average Daily Pumping Per Capita Gallons	Estimated Population
*1931	3,413,852,500	211,929,330 decrease	12,414,009	770,652 decrease	99	125,000
†1931	4,575,930,100		12,502,541			125,000
‡1932	4,456,711,100	119,219,000 decrease	12,176,806	325,735 decrease	98	125,000
1933	4,215,192,200	241,518,900 decrease	11,548,471	628,335 decrease	92	125,000
1934	4,462,657,100	247,464,900 increase	12,226,457	677,986 increase	98	125,000
1935	4,404,093,100	58,564,000 decrease	12,066,008	160,449 decrease	96.5	125,000
1936	4,567,171,400	163,078,300 increase	12,478,710	412,702 increase	99.8	125,000
1937	4,380,818,000	186,353,400 decrease	12,002,241	476,469 decrease	101.6	118,075
1938	4,263,328,800	117,489,200 decrease	11,980,352	321,889 decrease	98.9	118,075
1939	4,443,447,390	180,118,590 increase	12,173,828	493,476 increase	103.1	118,075¶
§1940	4,491,500,500	48,053,110 increase	12,271,859	98,031 increase	110.6	110,879°

* Fiscal year ended March 31.
† For nine months, April 1 to December 31. Total pumpage for year 4,575,930,100 gallons. Daily average pumpage for year, 12,502,541 gallons.
‡ Fiscal year ends December 31.
§ 366 days in 1940.
¶ Figures for population corrected by Secretary of State.
° Figures for population in 1940 furnished by Census Division at the State House, 110,879 population.

Rainfall for Year Ending December 31, 1940

1940	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
	Inches	Inches	Inches
January.....	1.68	2.38	2.10
February.....	4.78	6.67	3.45
March.....	3.83	3.49	3.30
April.....	4.58	5.49	4.95
May.....	3.28	3.72	3.50
June.....	1.80	2.26	1.86
July.....	3.17	3.36	3.20
August.....	0.85	1.34	1.27
September.....	2.32	3.04	3.60
October.....	0.76	1.05	0.90
November.....	6.24	6.73	6.36
December.....	2.76	3.44	1.78
Totals.....	36.05	42.97	36.27

*Records of Fresh Pond are given by City Engineer.

Total Rainfall for the Past Ten Years

	*Fresh Pond Reservoir	Stony Brook Reservoir	Hobbs Brook Reservoir
Year	Inches	Inches	Inches
1931.....	29.58	32.20	29.33
1932.....	44.69	47.31	48.68
1933.....	47.63	47.84	45.59
1934.....	34.15	41.24	40.15
1935.....	32.94	35.93	35.95
1936.....	46.26	46.74	45.94
1937.....	43.67	44.79	43.74
1938.....	49.93	58.50	56.33
1939.....	32.45	39.58	32.91
1940.....	36.05	42.97	36.27

*Records of Fresh Pond are given by City Engineer.

FRESH POND PUMPING STATION

1940	RUNNING TIME			PUMPAGE				COAL CONSUMED		Rainfall Inches	Average Elevation Fresh Pond
	Days	Hours	Hours Daily Average	Worthington Engine No. 4 Gallons	Worthington Engine No. 3 Gallons	Total Pumpage Gallons	Daily Average Gallons	Total Pounds	Daily Average Pounds		
Jan.	31	467	15.06	379,745,300	3,608,000	379,745,300	12,249,848	472,500	15,242	1.68	13.41
Feb.	29	422¼	14.56	344,636,600		344,636,600	11,884,020	427,400	14,738	4.78	12.21
March	31	453	14.61	368,791,500		368,791,500	11,896,500	458,200	14,781	3.83	11.76
April	30	421½	14.05	341,061,600		344,669,600	11,488,986	424,700	14,156	4.58	14.20
May	31	458	14.77	373,827,300		373,827,300	12,058,945	458,600	14,793	3.28	16.21
June	30	434¾	14.49	354,247,000		354,247,000	11,808,233	434,600	14,486	1.80	17.31
July	31	470	15.16	382,657,400		382,657,400	12,343,787	469,700	15,151	3.17	17.19
Aug.	31	490¼	15.81	398,772,000		398,772,000	12,863,612	489,500	15,790	0.85	13.39
Sept.	30	464	15.46	377,056,900		377,056,900	12,568,563	463,500	15,450	2.32	13.18
Oct.	31	482¼	15.55	391,504,500		391,504,500	12,629,177	481,200	15,522	0.76	13.51
Nov.	30	453	15.10	369,088,500		369,088,500	12,302,950	453,200	15,106	6.24	14.16
Dec.	31	499¾	16.12	406,503,900		406,503,900	13,113,029	504,100	16,261	2.76	14.52
Totals	366	5,515¾		4,487,892,500	3,608,000	4,491,500,500		5,537,200		36.05	
Daily ave.			15.07				12,271,859		15,128		14.25

FRESH POND RESERVOIR

1940	Highest Elevation During Month	Lowest Elevation During Month	Average Elevation	Rainfall by the Month Inches	Pumpage by the Month Gallons
January 1		13.03			
January 30, 31 . .	13.71		13.41	1.68	379,745,300
February 6	13.75				
February 27		10.47	12.21	4.78	344,636,600
March 1		10.60			
March 31	12.82		11.76	3.83	368,791,500
April 1		12.86			
April 30	15.39		14.20	4.58	344,669,600
May 1		15.43			
May 31	16.97		16.21	3.28	373,827,300
June 1		17.05			
June 25	17.42		17.31	1.80	354,247,000
July 8	17.48				
July 31		16.44	17.19	3.17	382,657,400
August 1	16.17				
August 20, 21 . . .		12.42	13.39	0.85	398,772,000
September 1		12.79			
September 29, 30	13.47		13.18	2.32	377,056,900
October 2-6		13.47			
October 31	13.59		13.51	0.76	391,504,500
November 1		13.60			
November 30	14.60		14.16	6.24	369,088,500
December 13, 14		14.38			
December 31	14.76		14.52	2.76	406,503,900
Total rainfall . . .				36.05	
Total consumption					4,491,500,500
Average elevation during year			14.67		

PUMPING STATISTICS

From January 1, 1940 to December 31, 1940

1. Builders of pumping machinery: one Leavitt engine of 20,000,000 gallons capacity per twenty-four hours, built by Groshon High Duty Pumping Engine Company; one Worthington Cross Compound engine of 20,000,000 gallons capacity per twenty-four hours; and two Worthington Compound Duplex engines of 5,000,000 gallons capacity, each, per twenty-four hours. Total capacity, 50,000,000 gallons per twenty-four hours.
2. Description of fuel: kind, bituminous. Brand and price of coal, Beckley Seam Full Run of Mine bituminous coal, at \$6.71 f.o.b. per ton (of 2,240 pounds per ton) at Pumping Station, Fresh Pond.
3. Coal consumed for year, 5,537,200 pounds. Daily average coal consumed, 15,128 pounds. Coal per million gallons pumped, 1,232.81 pounds. Total pumpage for year with four per cent allowance for slip, 4,491,500,500 gallons. Daily average pumpage, 12,271,859 gallons.
4. Average static head against which the Worthington pump works, 165.5.
5. Average dynamic head against which the Worthington pump works, 190.
6. Duty of Worthington Cross Compound engine which pumped all the water with the exception of $4\frac{1}{2}$ hours pumped by Engine No. 3, on April 16, 128,445,153 per week.
7. Cost of pumping figured on operating expenses, \$54,852.55.
8. Cost per million gallons pumped, \$12.21.
9. Cost per million gallons raised one foot (dynamic), \$0.05988.

Total population (figures obtained from the Census Division at the State House, for year 1940) 110,879.

Estimated population supplied on lines of pipe, 110,879.

SUMMARY OF STATISTICS

In form recommended by the New England Water Works Association

CAMBRIDGE WATER WORKS

Cambridge, Middlesex County, Massachusetts

GENERAL STATISTICS

Population by census 1920, 109,456; 1925, 119,667.

Population in 1940 from figures of Census Division at the State House, 110,879.

"Cambridge Water Works Corporation" was chartered in 1852 and organized in 1853.

The works were constructed in 1855, Mr. John Blake, consulting engineer, and came into possession of the city by purchase in 1865, when they were called "Cambridge Water Works."

The original source of supply was Fresh Pond in Cambridge and Belmont, which was enlarged by connection via conduit with Wellington Brook and Spy Pond, Arlington. The waters of these additional sources were adjudged unfit for domestic use in 1880 and since that time have not been utilized for a supply in Cambridge.

In 1887 Fresh Pond was augmented by a storage reservoir which had been constructed on Stony Brook, located in Weston and Waltham. The waters from this brook are brought to Cambridge by a conduit, originally a thirty-inch cast-iron pipe, which was laid through Waltham and Watertown to Fresh Pond Reservoir. This extension of the works was made under the direction of Mr. Henry N. Crafts, as consulting engineer, and our City Engineer, Mr. W. S. Barbour.

The population of the city was about 60,000 in 1887.

In 1897, an additional provision was made for storing water by the construction of two large reservoirs artificially formed by constructing two dams across Hobbs Brook, which is a tributary of Stony Brook, and flows through Lexington and Lincoln. Payson Park Distributing Reservoir also was completed in 1897. Consulting engineers, Mr. A. Fteley, and Messrs. Rice and Evans, and our City Engineer, Mr. L. M. Hastings, directed the construction of these reservoirs.

The population was about 87,500 in 1897.

In 1905 and 1906, two sections of the Stony Brook pipe line were rebuilt; the new conduit was made of concrete, sixty-three inches in diameter. Another part was rebuilt in 1908, when a new thirty-inch main of cast iron was laid to replace 1,500 feet of old thirty-inch line which has been abandoned. The consulting engineer for the concrete conduit was Mr. Freeman C. Coffin, assisted by our City Engineer, Mr. L. M. Hastings. The new thirty-inch main was laid under the supervision of the Water Works Superintendent, Mr. E. C. Brooks.

The conduit is constructed as follows:

From Fresh Pond to beyond Holmes Street	1,024 feet of 63-inch concrete
From Holmes Street to beyond Holworthy Place . . .	470 feet of 42-inch cast iron
From Holworthy Place to River Street, Waltham . . .	25,867 feet of 63-inch concrete
From River Street to Waltham Pumping Station . . .	8,710 feet of 30-inch cast iron
From Waltham Pumping Station to gate house at dam	5,003 feet of 36-inch cast iron
From River Street to the } {	6,662 feet of 36-inch steel
36-inch under the dam } {	6,061 feet of 36-inch cast iron
53,797 feet	

This 36-inch conduit is connected to the 63-inch; it was finished in 1932 and the water was turned into it on September 24, 1932.

There are also 747 feet of 30-inch under the dam at Stony Brook Reservoir.

In 1928 the efficiency of this conduit was increased by cleaning the 36-inch and 30-inch cast iron main from the Stony Brook dam to River Street. The capacity is now estimated at 16,000,000 gallons daily.

Mode of supply: gravity from Hobbs Brook and Stony Brook storage reservoirs to Fresh Pond Filtration Plant; thence by pumping, through the 40-inch steel pumping main to Payson Park distributing reservoir; thence by gravity to consumers through the 40-inch steel distributing main. The Leavitt engine, built in 1897, of 20,000,000 capacity is connected with these steel mains. The Cross Compound Worthington engine of 20,000,000 gallons capacity is also connected to the steel mains.

In case of necessity, the water can be pumped direct from the pumping station through the 30-inch and 24-inch cast iron pumping mains into the 40-inch steel distributing main.

The 40-inch steel main was laid in 1895.

The length of this 40-inch steel pumping main from the Pumping Station to Payson Park Reservoir is 8,392 feet and

from Payson Park Reservoir the 40-inch steel distributing main to the Cambridge Common is 14,924 feet; total, 23,316 feet.

In December, 1927, the work on the leak, which had existed for over twenty years in Payson Park Reservoir, was completed.

The Purification Plant was officially in operation June 28, 1923.

In 1932, six new filter beds and housings for same were added, making a total of sixteen beds and facilities for filtering 24,000,000 gallons of water daily. The housings and installations of two 7½ million gallons pumping units were also installed to connect Fresh Pond with the Plant through two 36-inch steel mains.

METHOD OF PURIFYING CAMBRIDGE WATER

The water formerly flowing into Fresh Pond from Stony Brook is now diverted through a 42-inch pipe and enters the sedimentation basin (which has a capacity of 1,500,000 gallons). Here the chemical treatment of alum takes place. The water then flows to the filter beds, and passes through three feet of graduated sand and gravel, where all suspended matter, caused by coagulation after chemical treatment, is removed. The water then passes over ripple plates in an aerator, where all gases, tastes and odors are removed. Lime is then added to restore alkalinity. Finally, before the water enters the clear water basin, chlorine is added to destroy any remaining germs.

From the clear water basin, which has a capacity of 4,000,000 gallons, the water is pumped to Payson Park Reservoir for distribution to the consumers, by gravity.

In the event of insufficient flow from Stony Brook, a low lift pump room has been constructed, and provision has been made to pump the water, when necessary, from Fresh Pond direct to the sedimentation basin, through a unit of high speed centrifugal pumps. Of these, one is 10,000,000, two are 6,000,000 each, and one is of 4,000,000 gallons daily capacity, and are sufficient to care for any emergency that may arise.

The Plant has a capacity of filtering 24,000,000 gallons per day.

In 1930, an additional supply was laid to the Purification Works to meet any emergency that might arise, should the 40-inch steel mains be out of commission. An 8-inch main was laid from Poplar Road, thence under the Boston & Maine tracks, and to the Purification Plant, which now may be fed under all conditions.

An additional sedimentation basis for our purification plant has been asked for by the Planning Commission and is being considered by the Water Board.

The pumpage for the year ending December 31, 1940, was 4,491,500,500 gallons.

The storage capacity, figured at high elevations in the reservoirs, is:

Hobbs Brook (elevation 183.25)	3,181,000,000 gallons
Stony Brook (elevation 83.00)	402,000,000 gallons
Fresh Pond (elevation 16.85)	700,000,000 gallons
Payson Park (elevation 178.50)	43,000,000 gallons
	4,326,000,000 gallons

STATISTICS RELATING TO DISTRIBUTING SYSTEM

From January 1 to December 31, 1940

The forty-inch pumping main to and distributing main from Payson Park Distributing Reservoir are of steel. This forty-inch steel main was laid in 1895.

The main pipes are of cast iron, in sizes from two inches to forty inches.

The two-inch and smaller sizes are of lead lined pipe.

Extensions during the year, 1,948 feet. Renewals during the year, 3,575 feet.

Total now in use:	Feet
2-inch	9,013
3-inch	1,242
4-inch	66,118
6-inch	403,535
8-inch	108,757
10-inch	41,658
12-inch	101,950
16-inch	15,892
20-inch	25,177
24-inch	23,383
30-inch	12,257
40-inch	550
	809,532 feet or 153.32 miles
Forty-inch steel main, ...	23,316 feet or 4.41 miles
Totals	832,848 feet or 157.73 miles

Leaks reported by inspectors while canvassing during the year 1940:

Kitchen faucets	1,022
Wash basins	230
Set tubs	137
Bathtubs	219
Water closets	991

Total leaks reported by inspectors . . .	2,599
--	-------

Leaks reported at office and water yard by various people other than inspectors, 1940:

Main pipe	17
Gates	4
Supplies	155
Meter boxes	2
Hydrants	4
Fire supplies	4
Standpipes	3
Fountains	1

Total leaks reported at office and water yard	190
---	-----

Total leaks reported during year 1940	2,789
---	-------

HYDRANTS

1940 Location	Kind Removed	Kind Installed	Gates Inches
42 Antrim Street.....	2-way Chapman	Cambridge	6 x 6
Blake and Orchard Streets.....	Chapman	Cambridge	6
Brattle Street and Fresh Pond Parkway.....	Holyoke	Cambridge	6
Broadway and Third Street.....	Holyoke	Corey	12 x 6
Cambridge and Kirkland Streets.....	Perkins	Cambridge	6
70 Lake View Avenue.....	Holyoke	Cambridge	6
Marney Street.....	Chapman	Cambridge	12 x 6
1201 Massachusetts Avenue.....	Chapman	Cambridge	10 x 6
995 Memorial Drive.....	Boston	Cambridge	6
66 Whittemore Avenue.....	Kennedy	Cambridge	6

NEW HYDRANTS

1940	Kind	Gates
17-19 Cowperthwaite Street.....	New Cambridge	6 x 6
Gordon Place.....	New Corey	6 x 6
608 Green Street.....	New Cambridge	6 x 6
702 Green Street.....	New Chapman, 2-way	6 x 6
847 Massachusetts Avenue.....	New Cambridge	12 x 6
891 Massachusetts Avenue.....	New Chapman, 2-way	12 x 6
957 Massachusetts Avenue.....	New Cambridge	12 x 6
985 Massachusetts Avenue.....	New Corey	12 x 6
Shepard and Walker Streets.....	New Cambridge	8 x 6
53 Standish Street.....	New Cambridge	6 x 6
14 Story Street.....	New Cambridge	6 x 6

NUMBER OF HYDRANTS IN USE

Boston.....	29
Cambridge.....	40
Chapman.....	701
Coffin.....	31
Corey.....	342
Holyoke.....	165
Kennedy.....	66
Matthews.....	8
Perkins.....	43

Total hydrants in use..... 1,425 December 31, 1940

Number of hydrants added during the year..... 11
Number of gates added during the year on main pipes and hydrants..... 54
Range of pressure on mains..... 55 to 60 pounds

NEW SUPPLIES, 1940

Kind of pipe: galvanized iron, cast iron, and lead lined.
Extended during the year, 2,016 feet.
Sizes, 3/4-inch to 6-inch.

Number of supplies added during the year, 56, as follows:

3/4-inch	26
1-inch	12
1 1/4-inch	2
1 1/2-inch	2
2-inch	5
4-inch	5
6-inch	4
Total	56

Total number of supplies now in use, 14,385.
Average length of services the past year, 36 feet.
Average cost per supply includes large supplies up to 6-inch,
\$64.78.
Average cost per supply (labor), \$57.27.
Number of meters added during the year, 22.
Total number of meters now in use, 13,873.
Percentage of services metered, now in use, 99 per cent.

NEW INSTALLATIONS

The following large supplies were laid this year, in sizes 4-inch and 6-inch; three were for fire protection.

301 Binney Street, Irene Craig	6-inch fire
Concord Avenue and Craigie Street, Craigie Arms, Inc.	4-inch
Concord Avenue and Craigie Street, Craigie Arms, Inc.	4-inch
Harvard Street, Lever Brothers	4-inch
32-52 Harvard Street, Tordoye Corporation	6-inch fire
56-62 Landsdowne Street, The Adley Express Co.	6-inch fire
500 Memorial Drive, Smith House, Inc.	4-inch
Third and Binney Streets, Peter Gray	6-inch
14 Ware Street, Anne Higgins	4-inch

FIRE SUPPLIES, 1940

Three "fire" supplies have been laid during the year 1940. The following list contains the number of fire supplies in commission at this date.

Adelson Estate, 544 Massachusetts Avenue	6-inch
Adley Express Co., The, 56-62 Landsdowne Street	6-inch
Albiani Bros., 556 Massachusetts Avenue	6-inch
Allen & Endicott Building Co., 63 Albany Street	6-inch
American Rubber Co., Binney Street	6-inch
American Rubber Co., Potter Street	6-inch
American Circular Loom Co., Clarendon Avenue	6-inch
American Circular Loom Co., Tannery Street	2-inch
American Optical Co., 150 Broadway	6-inch
Ashton Valve Co., 161 First Street	6-inch
Associated Trust, 888 Massachusetts Avenue	2-inch
Atwood & McManus, 64 Aberdeen Avenue	6-inch
Baker Supply Co., 145 Broadway	6-inch
Barbour Stockwell Co., Broadway and Market Street	6-inch
Baretta, Mary, 336 Main Street	6-inch
Barta Press, The, 209 Massachusetts Avenue	6-inch
Bell Confectionery Co., J. S., Sixth Street	6-inch
Berkshire Factory Trust, Amherst Street	6-inch
Blacker & Shepard Co., Osborn Street	1½-inch
Blake & Knowles Steam Pump Works, Binney Street	8-inch
Blake & Knowles Steam Pump Works, Binney Street	6-inch
Blake & Knowles Steam Pump Works, Third Street	4-inch
Blanchard Machine Co., State Street	6-inch
Blanchard Machine Co., State Street	6-inch
Boston Blacking Co., Potter Street	6-inch
Boston Book Binding Co., Inc., 21 Mt. Auburn Street	6-inch
Boston Book Binding Co., Inc., Arrow Street	4-inch
Boston Cafeteria Co., 22 Dunster Street	6-inch
Boston Confectionery Co., 814 Main Street	6-inch
Boston Confectionery Co., 29 State Street	6-inch
Boston Elevated Railway Co., Bennett Street	4-inch
Boston Elevated Railway Co., Baldwin Street	4-inch
Boston Elevated Railway Co., 2375 Massachusetts Avenue	4-inch
Boston Elevated Railway Co., Murray Street	4-inch
Boston Elevated Railway Co., Murray Street	6-inch
Boston Elevated Railway Co., University Road	8-inch
Boston & Maine Railroad, Bridge Street	6-inch
Boston & Maine Railroad, Bridge and Water Streets	6-inch
Boston & Maine Railroad, East Street	6-inch
Boston & Maine Railroad, Bridge Street Yard — Four Cambridge hydrants	6-inch
Burke, Thomas F., 881 Massachusetts Avenue	2-inch
Cambridge, City of, Raymond Street	2-inch
Cambridge, City of, Raymond Street	6-inch
Cambridge, City of, Norfolk Street	6-inch
Cambridge, City of, Spring Street, Thorndike School	4-inch
Cambridge, City of, Garage, Tremont and Hampshire Streets	6-inch
Cambridge Electric Light Co., near 410 Western Avenue	6-inch
Cambridge Garage Co., 120 Mt. Auburn Street	6-inch
Cambridge Gas Light Co., Potter Street	6-inch
Cambridge Gas Light Co., Third Street	6-inch
Cambridge Gas Light Co., Second Street	6-inch
Cambridge Home for Aged People, Mt. Auburn Street	6-inch
Cambridge Ice Co., Cottage Park Avenue	6-inch

Cambridge Hospital, 330 Mt. Auburn Street.....	8-inch
Cambridge Mutual Fire Insurance Co., 761 Massachusetts Avenue.....	2-inch
Cambridge Rubber Co., Main and Windsor Streets.....	6-inch
Cambridge Salvage and Supply Co., Sixth and Broadway.....	6-inch
Cambridge Savings Bank, 91 Broadway.....	6-inch
Cambridge Y. M. C. A., 828 Massachusetts Avenue.....	6-inch
Carter's Ink Co., First Street.....	4-inch
Carter's Ink Co., Athenaeum Street.....	6-inch
Christ Church, near 1 Garden Street.....	6-inch
Climax Paper Box Co., 20-24 Cottage Park Avenue.....	4-inch
Close Company, The George, 243 Broadway.....	6-inch
College House Trust, 1436 Massachusetts Avenue.....	4-inch
College House Trust, 1434 Massachusetts Avenue.....	6-inch
Columbian Investment Trust, 305 Webster Avenue.....	6-inch
Columbia Jewelry Co., Camp Street.....	6-inch
Commonwealth Laundry, 348 Franklin Street.....	4-inch
Commonwealth Laundry, 348 Franklin Street.....	6-inch
Corcoran, Heirs of John H., 631 Massachusetts Avenue.....	6-inch
Corcoran, Heirs of John H., 629 Massachusetts Avenue corner Essex Street..	6-inch
Corcoran Supply Co., 62 Albany Street.....	6-inch
Craig, Irene, 301 Binney Street.....	6-inch
Crane, William, 95 Binney Street.....	6-inch
Crane Willam, Inc., 32 Dock Street.....	6-inch
Daggett Chocolate Co., Ames Street.....	6-inch
Daggett Chocolate Co., Main and Ames Streets.....	6-inch
Daggett Trust, The, Ames Street.....	6-inch
Danberg Bros., 141 First Street.....	6-inch
Davenport, A. H., 108 Cambridge Street.....	6-inch
Davenport, A. H., Otis Street.....	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street.....	6-inch
*Dewey & Almy Chemical Co., 235 Harvey Street.....	6-inch
Dewey & Almy Chemical Co., 235 Harvey Street.....	8-inch
Dewey & Almy Chemical Co., Whittemore Avenue.....	6-inch
Dodge, Haley Co., 18 Hurley Street.....	6-inch
Dodge Motor Vehicle Co., 29 Lansdowne Street.....	6-inch
Dover Stamping and Manufacturing Co., 385 Putnam Avenue at Pleasant..	6-inch
Dow Co., John C., 220 Portland Street.....	2-inch
Dow, Fred H., 718 Main Street.....	6-inch
Dow, Henry J., Inc., 217 Thorndike Street.....	6-inch
East Cambridge Savings Bank, 292 Cambridge Street.....	4-inch
Eisenberg & Shapiro, 2419 Massachusetts Avenue.....	6-inch
Elberry Motor Co., 360 River Street.....	6-inch
Elliott Addressing Machine Co., 147-153 Albany Street.....	6-inch
Episcopal Theological School, 99 Brattle Street.....	6-inch
Eustis Manufacturing Co., J. P., 12-16 Ames Street.....	6-inch
Fellows & Son, 810 Memorial Drive.....	6-inch
Field, Walter W., 39-41 Hayward Street.....	6-inch
Filene's Sons Co., Wm., Memorial Drive near Main Street.....	6-inch
Filene's Sons Co., Wm., Main Street and Memorial Drive.....	6-inch
First Congregational Church, near 12 Garden Street.....	6-inch
Fitzgerald, John F., 31 Main Street.....	6-inch
Flash Chemical Co., 160-170 Second Street.....	6-inch
Flynn, T. J., Albany and Portland Streets.....	6-inch
Freedman, Morris, 197 Fifth Street.....	6-inch
Furbish, Fred B., 41 Church Street.....	4-inch
Geilfuss, Charles A., 58 Brookline Street.....	6-inch
General Radio, 38 State Street.....	6-inch
George Realty Co., 54 Washburn Avenue.....	6-inch
Ginn & Co., 215 First Street.....	6-inch

* Dewey & Almy supplies connected to crossover.

Ginn & Co., Athenaeum Street.....	Two 6-inch
Ginn & Co., Munroe Street.....	6-inch
Ginsberg, Harris, 25 Pearl Street.....	6-inch
Goepper Brothers, Ninth Street.....	1½-inch
Goldman, Lowe, 360 Prospect Street.....	6-inch
Graham & Company, James J., Otis Street.....	6-inch
Gray & Sons, Peter, 286 Third Street.....	6-inch
Green Bros., 47 Austin Street.....	6-inch
Greer, J. W., 119 Windsor Street.....	6-inch
Greylock Candy Co., 414 Main Street.....	6-inch
Hammett Co., J. L., 60 Carleton Street.....	6-inch
Harvard Co-operative Society, Palmer Street.....	Two 6-inch
*Harvard University, Banks Street.....	4-inch
Harvard University, Cambridge and Kirkland Streets, Memorial Hall..	Two 4-inch
Harvard University, Concord Avenue, Observatory.....	6-inch
Harvard University, Divinity Avenue, Semitic Museum.....	4-inch
Harvard University, Holmes Field, Austin Hall.....	6-inch
Harvard University, Holmes Field, Langdell Hall.....	4-inch
Harvard University, Holmes Field, Jefferson Laboratory.....	6-inch
Harvard University, 2 Holmes Place, Gannett House.....	6-inch
Harvard University, Harvard and Quincy Streets, Harvard Union.....	6-inch
Harvard University, 29 Holyoke Street.....	4-inch
Harvard University, 63 Mt. Auburn Street, Claverly Hall.....	6-inch
Harvard University, 320 Mt. Auburn Street, Stillman Infirmary.....	6-inch
Harvard University, 1354 Massachusetts Avenue.....	6-inch
Harvard University, 479 Massachusetts Avenue.....	6-inch
Harvard University, Oxford Street, Drill Hall.....	6-inch
Harvard University, Oxford Street, Perkins Hall.....	6-inch
Harvard University, 1340 Massachusetts Avenue, Holyoke House.....	6-inch
Harvard University, In Yard, Emerson Hall.....	6-inch
Harvard University, In Yard, Harvard Hall.....	6-inch
Harvard University, In Yard, Matthews Hall.....	6-inch
Harvard University, In Yard, Thayer Hall.....	4-inch
Harvard University, In Yard, University Hall.....	6-inch
Harvard University, In Yard, Weld Hall.....	6-inch
Harvard University, In Yard, Widener Library.....	6-inch
Haskell, Adams Co., 30 Henry Street.....	6-inch
Hasty Pudding Club, Holyoke Street.....	4-inch
Henderson Bros., 2069 Massachusetts Avenue.....	6-inch
Hews Co., A. H., Richdale Avenue.....	Two 4-inch
†Hews Co., A. H., Sherman Street.....	6-inch
Hingham Knit Goods Co., Banks Street.....	4-inch
Holmes Real Estate Trust, 2 to 9 Central Square.....	6-inch
Holmes Real Estate Trust, 624 Massachusetts Avenue.....	6-inch
Hood Ice Cream Co., 155 Massachusetts Avenue.....	6-inch
Holy Ghost Hospital for Incurables, 1575 Cambridge Street.....	3-inch
Houghton & Dutton, 656 Main Street.....	6-inch
Houghton Mifflin Co., 20 Blackstone Street.....	8-inch
Houghton Mifflin Co., River Street at Blackstone Street.....	6-inch
Howe, Estate of Otis, 748 Main Street.....	6-inch
Hyde, Abe R., 521 Windsor Street.....	6-inch
Hyde, Abe R., 432 Columbia Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 108 Cambridge Street.....	6-inch
Irving & Casson, 27 Otis Street.....	6-inch
Irving & Casson, Otis Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	Two 6-inch
Irving & Casson, Thorndike Street.....	6-inch

* Tapped for ¾-inch. No meter.

† Tapped for ¾-inch.

Ivers & Pond Piano Co., Albany Street.....	4-inch
Ivers & Pond Piano Co., Main Street at Albany Street.....	6-inch
Ivers & Pond Piano Co., Albany Street.....	6-inch
Jacobs, David, 60 First Street.....	6-inch
Johnson Marble Co., 37 Osborn Street.....	6-inch
Kendall Square Building Trust, 20 Hayward Street.....	6-inch
Klauer Bros., 345 Franklin Street.....	6-inch
Kramer, George, 11 State Street.....	6-inch
Kingston Knitting Co., Carleton and Deacon Streets.....	6-inch
Ladd & Barker, 11 Windsor Street.....	6-inch
Lamb & Ritchie, Albany Street.....	6-inch
Lever Brothers, Ltd., Broadway.....	8-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Broadway.....	6-inch
Lever Brothers, Ltd., Burleigh Street.....	10-inch
Lever Brothers, Ltd., Harvard Street.....	8-inch
Lever Brothers, Ltd., Harvard Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Portland Street.....	6-inch
Lever Brothers, Ltd., Wadsworth Street.....	6-inch
Library Bureau, Albany Street.....	6-inch
Liquid Carbonic Co., 136 Broadway.....	6-inch
Little, Arthur D., Inc., 30 Memorial Drive.....	6-inch
Little, Brown & Co., Putnam Avenue at Blackstone Street.....	6-inch
Little, Brown & Co., Blackstone Street.....	6-inch
Lovell & Hall, Whittemore Avenue.....	6-inch
Lualdi, Inc., Angelo, 6 Cambridge Street.....	6-inch
Macomber, George E., 128 Magazine Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Main Street Trust, Amherst Street.....	6-inch
Manhattan Market Co., 271 Green Street.....	6-inch
Manufacturers National Bank Realty Trust, 226 Main Street.....	6-inch
Manufacturers National Bank Realty Trust, 226 Main Street.....	6-inch
Masonic Temple, 1950 Massachusetts Avenue.....	4-inch
Mason & Hamlin Co., Broadway.....	Two 6-inch
Massachusetts Institute of Technology, Memorial Drive, Boat House.....	6-inch
Massachusetts Institute of Technology, Memorial Drive.....	6-inch
Massachusetts Institute of Technology, 52 Massachusetts Avenue.....	6-inch
McConnell Co., Erie and Waverly Streets.....	8-inch
McKenzie & Thorner, 137 Main Street.....	6-inch
McLean, Isaac, 65 Mt. Auburn Street.....	4-inch
McLean, Isaac, 1137 Massachusetts Avenue.....	4-inch
Metropolitan Storage Warehouse Co., 134-142 Massachusetts Avenue.....	6-inch
Middlesex County House of Correction, Second and Spring Streets.....	6-inch
Middlesex County, Third Street.....	6-inch
Moll, Blanche A., 820 Somerville Avenue.....	6-inch
Monks Laundry, 284 Norfolk Street.....	6-inch
Morse, Estate of A. P., 585 Massachusetts Avenue.....	6-inch
Mosaic Pignat Vincenzie Co., 699 Mt. Auburn Street.....	6-inch
Myerson, Simon, 90 Hamilton Street.....	6-inch
National Biscuit Company, Franklin Street.....	4-inch
National Biscuit Company, Franklin Street.....	6-inch
National Biscuit Company, Green Street.....	8-inch
National Casket Company, 122 First Street.....	6-inch
National Casket Company, Bent Street.....	6-inch
National Company, 120 Brookline Street.....	4-inch
New England Cabinet Co., 37 Harris Street.....	6-inch
New England Confectionery Co., Cross Street.....	8-inch
*New England Confectionery Co., 254 Massachusetts Avenue.....	8-inch

* Tapped for garage.

New England Telephone and Telegraph Co., 10 Ware Street.....	4-inch
Newhall, C. A., 1420 Massachusetts Avenue.....	4-inch
Nichols, Annie W. H., Ames Street.....	6-inch
Nilson, Carl J., 36 Dickinson Street.....	6-inch
North American Chemical Co., 19 Chestnut Street.....	6-inch
North Packing and Provision Co., Windsor Street.....	6-inch
Olympia Theatre Co., Inc., 571-575 Massachusetts Avenue.....	6-inch
O'Neil, Robert H., Jr., 47 Austin Street.....	6-inch
Oppenheim, Minnie and Annie, 1217 Cambridge Street.....	6-inch
Page Box Co., George G., Hampshire Street.....	Two 6-inch
Payne & Co., F. S., 75 Richdale Avenue.....	6-inch
Payne & Co., F. S., 75 Richdale Avenue.....	6-inch
Peabody, Francis Jr., 63 Mt. Auburn Street, Claverly Hall.....	4-inch
Petterson, Oscar G., 183 Main Street.....	4-inch
Pi Eta Club, Winthrop Square.....	2-inch
Poole Piano Co., Sidney Street.....	8-inch
Porter, Henry S., Kinnaird and Soden Streets.....	4-inch
Porter, Henry S., Kinnaird and Soden Streets.....	6-inch
Preble, George E., 798 Massachusetts Avenue.....	6-inch
Prest-o-Lite Co., 541 Concord Avenue.....	6-inch
Prussian, Samuel W., 864 Main Street.....	6-inch
Radcliffe College, 8 Garden Street.....	6-inch
Reardon & Sons Corporation, John, Waverly Street.....	4-inch
Reardon, Edmund, Erie Street (garage).....	4-inch
Revere Sugar Refinery, Ninth Street.....	6-inch
Reversible Collar Co., 111 Putnam Avenue.....	6-inch
Rice & Hutchins, Inc., Lansdowne Street.....	6-inch
Riverside Boiler Works, 50 Harvard Street.....	4-inch
Riverside Boiler Works, 491-493 Main Street.....	6-inch
Rosen, Henry, 287 Prospect Street.....	6-inch
Rosenbaum, Philip, 99 Broadway.....	6-inch
Ross & Co., William F., 201 Bridge Street.....	6-inch
Russell, Estate of Joseph G., 224 Albany Street.....	6-inch
Russell, Lucy J., 29 Elm Street.....	1½-inch
Ryerson, John T., Binney Street.....	8-inch
Sacred Heart Parish, Seventh Street.....	4-inch
Sacred Heart Parish, 153-159 Thorndike Street.....	6-inch
Salvi, Peter, 590 Main Street.....	8-inch
Sawyer & Son, Howard M., Thorndike Street.....	4-inch
Sawyer & Son, Howard M., Spring Street.....	6-inch
Sawyer & Son, Howard M., Second Street.....	6-inch
Scully, Francis P., First Street.....	6-inch
Scully, Sarah P., et al., 88 First Street.....	6-inch
Sears Roebuck & Company, 1815 Massachusetts Avenue.....	6-inch
Seelye, Francis P., First Street.....	4-inch
Shapiro, Jacob, 620 Memorial Drive.....	6-inch
Sherburne, Estate of Reuben, 363 Third Street.....	6-inch
Shine, John J., 420 Green Street.....	6-inch
Simplex Wire & Cable Company, Auburn Street.....	8-inch
Simplex Wire & Cable Company, Franklin Street.....	6-inch
Simplex Wire & Cable Company, 105 Pacific Street.....	6-inch
Simplex Wire & Cable Company, 61 Pacific Street.....	6-inch
Simplex Wire & Cable Company, Pilgrim Street.....	4-inch
Simplex Wire & Cable Company, Sidney Street.....	6-inch
Simplex Wire & Cable Company, 68 Pacific Street.....	8-inch
Southwick, Annie E., 684 Massachusetts Avenue.....	6-inch
Speare's Sons & Co., Alden, Binney Street.....	4-inch
Squire Co., J. P., 169 Gore Street.....	8-inch
Standard Diary Co., 26 Blackstone Street.....	6-inch
Standard Plate Glass Co., 270 Albany Street.....	6-inch

Standard Turning Works, Main Street.....	4-inch
Stimpson, Harry F., 193 Albany Street.....	6-inch
Stimpson, Harry F., 175 Albany Street.....	6-inch
Stimpson, Harry F., 167 Albany Street.....	6-inch
Stimpson, Harry F., 157 Albany Street.....	6-inch
Stimpson, Harry F., 12 Emily Street.....	6-inch
Stimpson, Harry F., 95 Erie Street.....	6-inch
Stimpson, Harry F., 148 Sidney Street.....	6-inch
Stimpson, Harry F., 149 Sidney Street.....	6-inch
Stimpson, Harry F., 161 Sidney Street.....	6-inch
Stimpson Investment Corporation, 185 Albany Street.....	6-inch
Stone Co., C. W., 144 Second Street.....	6-inch
Suffolk Engraving & Electrotyping Co., Main and Carleton Streets.....	6-inch
Superior Laundry Co., 633 Concord Avenue.....	6-inch
Swan, Daniel A., 61 Broadway.....	2-inch
Sweetman, George H., 282 Portland Street.....	6-inch
Tailby, Nason Co., Amherst Street.....	4-inch
Teele Soap Company, 6 Lincoln Place.....	6-inch
Thairwell Co., William C., 15 Tudor Street.....	4-inch
Thayer & Co., Henry, Sidney and Erie Streets.....	6-inch
Thompson Box Co., 62 Hampshire Street.....	6-inch
Thompson Box Co., 69 Hampshire Street.....	4-inch
Tordoyle Corporation, 32-52 Harvard Street.....	6-inch
Tower & Son, Sylvester, 143-145 Broadway.....	4-inch
Union Real Estate Trust, 463 Massachusetts Avenue.....	4-inch
United Carr Fastener Co., Amherst Street.....	6-inch
United Carr Fastener Co., 43 Amherst Street.....	6-inch
United Carr Fastener Co., 27 Ames Street.....	6-inch
United Carr Fastener Co., 31 Ames Street (fire curtain).....	6-inch
University Associates, Bow Street, Garage.....	6-inch
University Associates, Linden Street.....	4-inch
University Associates, 1312 Massachusetts Avenue at Harvard Square.....	6-inch
Walluck, Maxwell, 306 Webster Avenue.....	6-inch
Webster Co., F. S., 23 Amherst Street.....	6-inch
Webster Co., W. F., 222-224 Thorndike Street.....	6-inch
White, Herbert H., University Road.....	6-inch

See also other list.

SUPPLIES CLEANED

Year ending March 31, 1912.....	159
Year ending March 31, 1913.....	278
Year ending March 31, 1914.....	471
Year ending March 31, 1915.....	727
Year ending March 31, 1916.....	841
Year ending March 31, 1917.....	896
Year ending March 31, 1918.....	825
Year ending March 31, 1919.....	1,158
Year ending March 31, 1920.....	1,467
Year ending March 31, 1921.....	1,348
Year ending March 31, 1922.....	1,829
Year ending March 31, 1923.....	970
Year ending March 31, 1924.....	963
Year ending March 31, 1925.....	798
Year ending March 31, 1926.....	522
Year ending March 31, 1927.....	414
Year ending March 31, 1928.....	367
Year ending March 31, 1929.....	282
Year ending March 31, 1930.....	270
Year ending March 31, 1931.....	197
Nine months ending December 31, 1931.....	130
Year ending December 31, 1932.....	110
Year ending December 31, 1933.....	119
Year ending December 31, 1934.....	116
Year ending December 31, 1935.....	75
Year ending December 31, 1936.....	56
Year ending December 31, 1937.....	30
Year ending December 31, 1938.....	16
Year ending December 31, 1939.....	31
Year ending December 31, 1940.....	25
Total.....	15,490

Since 1923 a charge of \$5 has been made for each supply cleaned.

NEW SUPPLIES LAID DURING 1940

Year 1940	6 Inch	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
Number of supplies, lead lined.....								
Number of supplies, cast iron.....	4	5	5	2	2	12	26	47 9
Total number of supplies.....	4	5	5	2	2	12	26	56
Length, in feet, of cast iron pipe.....	104½	204	106½	115½	136	356½ 198½	634 160½	308½ 1,348½ 359
Length, in feet, of lead lined pipe.....								
Length, in feet, of copper pipe.....								
Total length, in feet, of pipe.....	104½	204	106½	115½	136	555	794½	2,016
Number of corporation cocks.....			5			13	20	38
Number of sidewalk cocks.....						13	20	33
Number of valves.....	1	5	5	2	2	15	19	49
Number of service boxes.....			5	2	2	12	26	47
Number of gates.....	3	4						7
Number of gate boxes.....	3	4						7
Number of sleeves with gates.....		2						2
Number of clamps with cocks.....			3	1	2			6

SUPPLIES RENEWED DURING 1940

Year 1940	4 Inch	2 Inch	1½ Inch	1¼ Inch	1 Inch	¾ Inch	Total
Number of supplies, brass						1	1
Number of supplies, copper					4	5	9
Number of supplies, lead lined		1	3	10	25	73	112
Number of supplies, cast iron	1						1
Total number of supplies	1	1	3	10	29	79	123
Length, in feet, of pipe, brass (none)							
Length, in feet, of pipe, copper					150	130½	280½
Length, in feet, of pipe, lead lined . . .		47	192	278	718½	2,093½	3,329
Length, in feet, of pipe, cast iron	8						8
Total length, in feet, of pipe	8	47	192	278	868½	2,224	3,617½
Number of corporation cocks			1	3	8	5	17
Number of sidewalk cocks				1	11	24	36
Number of valves	1	1	2	4	15	38	61
Number of gates, none							
Number of gate boxes, none							
Number of clamps with cocks			1	5			6

SUPPLIES LAID DURING THE PAST TEN YEARS

YEAR	New Supplies	Total Supplies Renewed	Total Supplies	Supplies Furnished with Sidewalk Service Boxes Renewals
1931	138	353	491	92
*1931	69	162	231	53
†1932	35	242	277	18
1933	40	164	204	3
1934	23	182	205	35
1935	38	318	356	20
1936	41	123	164	17
1937	61	149	210	10
1938	51	141	192	33
1939	64	165	229	50
1940	56	123	179	47

COMPARATIVE TRENCHING FOR THE PAST TEN YEARS

YEAR	MAIN PIPE		SUPPLIES		TOTAL	
	Extensions	Renewals	New	Renewals	Feet	Miles
1931	4,340	607	5,225	9,916	20,088	3.80
*1931	27,327	1,058	1,939	4,296	34,620	6.55
†1932	2,338		1,354	5,818	9,510	1.80
1933	1,579	1,544	1,917	4,437	9,477	1.79
1934	2,045	10,518	990	5,689	19,242	3.64
1935	2,297½	5,892	1,610	6,762¾	16,562¼	3.136
1936	2,901	5,448	1,884½	4,056	14,289½	2.706
1937	5,396	1,417	2,642½	4,610	14,065½	2.684
1938	4,076½	3,614	1,894½	4,196	13,781	2.61
1939	733	158	2,715	5,031½	8,637½	1.63
1940	1,948	3,575	2,016	3,630½	11,169½	2.11

* For nine months ending December 31, 1931.

† Previous to March 31, 1931, the fiscal year ended March 31. Since 1931 the fiscal year ends December 31.

METERS, INDUSTRIAL AND DOMESTIC

In Use December 31, 1940

(See next page for meters on public buildings)

1940	$\frac{5}{8}$ Inch	$\frac{3}{4}$ Inch	1 Inch	$1\frac{1}{4}$ Inch	$1\frac{1}{2}$ Inch	2 Inch	3 Inch	4 Inch	6 Inch	8 Inch	Totals
Badger.....	93	38	...	...	...	11	2	1	...	...	145
Buffalo.....	7	5	7	...	...	...	...	...	...	...	19
Federal.....	80	51	36	...	14	10	...	...	...	...	191
Hersey (Torrent).....	615	184	91	5	13	48	29	20	45	5	1,055
Keystone (Arctic).....	247	97	27	2	...	...	2	3	1	...	379
King.....	15	18	8	...	4	1	...	...	...	...	46
National, Nash.....	194	2	21	...	1	...	...	...	...	...	218
National, Empire.....	...	...	1	...	1	7	20	10	3	...	42
National, Gem.....	...	...	...	...	...	...	...	5	1	...	6
Neptune.....	...	...	...	...	...	...	...	...	4	1	5
Neptune, Lambert.....	105	15	2	...	...	1	...	1	1	...	125
Neptune, Trident.....	404	187	96	5	15	29	4	...	...	...	740
Watch Dog, formerly "Gamon".....	4,026	2,800	586	132	81	121	25	29	6	...	7,806
Worthington.....	1,955	559	172	84	78	100	52	8	2	1	3,011
Totals.....	7,741	3,956	1,047	228	207	328	134	77	63	7	13,788

In addition there are 85 meters on public buildings (see next page)..... 85

Total meters in use December 31, 1940..... 13,873

METERS ON PUBLIC BUILDINGS

December 31, 1940

YEAR 1940	$\frac{5}{8}$ Inch	$\frac{3}{4}$ Inch	1 Inch	$1\frac{1}{4}$ Inch	$1\frac{1}{2}$ Inch	2 Inch	3 Inch	4 Inch	Total
Federal.....	..	..	..	..	..	1	..	..	1
Hersey.....	..	3	1	..	2	2	1	..	9
Keystone.....	..	..	..	..	..	..	..	2	2
Lambert.....	..	1	..	..	..	..	..	..	1
Neptune, Trident.....	3	1	2	..	1	..	..	..	7
Neptune, Crest.....	..	..	..	..	..	1	..	..	1
National, Nash.....	..	..	..	..	..	..	..	1	1
National, Crown.....	..	..	..	..	..	1	..	..	1
National, Empire.....	..	..	..	..	1	..	2	..	3
National, Gem.....	..	..	..	..	..	..	2	..	2
Watch Dog, formerly "Gamon"...	2	..	2	1	..	9	..	3	17
Worthington.....	3	2	5	5	7	10	5	3	40
Totals.....	8	7	10	6	11	24	10	9	85

FIRE SUPPLIES EQUIPPED WITH "DETECTOR" OR "PROTECTUS" METERS

Allen & Endicott Building Company, Main Street.....	6-inch on new supply
Allen & Endicott Building Company, Osborne Street.....	6-inch on new supply
Atwood & McManus, 64 Aberdeen Avenue.....	6-inch on new supply
Baker, Brownrigg K., Osborne Street (premises).....	6-inch on new supply
Barbour Stockwell Company, 25 Broadway (premises).....	6-inch on new supply
Blacker & Shepard Company, Sidney Street.....	6-inch on new supply
Blake & Knowles Steam Pump Works, Binney and Fifth Streets (premises).....	6-inch on new supply
Blanchard Machine Company, 80 State Street (premises) . . .	4-inch on new supply
Boston Elevated Railway Company, Massachusetts Avenue. .	6-inch on new supply
Boston Elevated Railway Company, Murray Street.....	6-inch on new supply
Boston Woven Hose & Rubber Company, Hampshire Street. . .	6-inch on old supply
Boston Woven Hose & Rubber Company, Portland Street. . . .	6-inch on old supply
Boston and Maine Railroad, Bridge Street and Commercial Avenue.....	8-inch on old supply
Briggs, C. A., 418 Main Street.....	6-inch on new supply
Cambridge Paper Box Company, Broadway.....	6-inch on old supply
Cambridge Rubber Company, 748 Main Street.....	4-inch on new supply
Cutter, Wood & Sanderson, Third Street.....	6-inch on old supply
Davis, F. H., 175 Richdale Avenue.....	6-inch on new supply
Dyar Sales and Machinery Company, 62 Broadway.....	4-inch on new supply
Enterprise Moakler Company, Second Street.....	6-inch on old supply
Filene's Sons, William, 100 Main Street (premises).....	6-inch on new supply
Filene's Sons, William, Memorial Drive.....	6-inch on new supply
Ford Motor Company, Brookline Street (premises).....	6-inch on new supply
General Radio Company, 38 State Street.....	6-inch on new supply
Hammett & Company, J. L., Main and Hayward Streets (premises).....	6-inch on new supply
Harvard University, Divinity Avenue (premises).....	6-inch on new supply
Harvard University, Oxford Street (premises).....	6-inch on new supply
Harvard University, Plympton Street (Lowell Hall).....	4-inch on new supply
Harvard University, Sterling Street.....	6-inch on old supply
Harvard University, Widener Library (premises).....	3-inch on new supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on old supply
Hathaway & Sons, C. F., 15 Richdale Avenue.....	4-inch on new supply
Houghton, H. O. (Riverside Press), 20 Blackstone Street. . . .	6-inch on old supply
Johnson Educator Food Co., 100 Sidney Street (premises) . . .	6-inch on new supply
Jordan Marsh Company, Amesbury Street (premises).....	8-inch on new supply
Kemp & Sons, Lysander, Broadway (premises).....	6-inch on new supply
*Lankofsky, Baila, 329 Elm Street.....	4-inch on new supply
Lonergan, Adeline J., 1572 Massachusetts Avenue.....	3-inch on new supply
†Lualdi, Inc., Angelo, 54 Charles Street.....	
Massachusetts Institute of Technology, Ames and Amherst Streets.....	6-inch on new supply
Massachusetts Institute of Technology, 75 Massachusetts Avenue.....	8-inch on new supply
Massachusetts Institute of Technology, Vassar Street.....	8-inch on new supply
McGoldrick, H. E., 339 Franklin Street.....	3-inch on new supply
Morey & Company, Commercial Avenue (premises).....	6-inch on new supply
The Murray Printing Co., Wadsworth Street.....	6-inch on new supply
National Casket Company, First Street.....	6-inch on new supply
New England Tel. & Tel. Co., 51 Inman Street.....	3-inch on new supply
Page & Shaw, 18-20 Ames Street (premises).....	6-inch on old supply

*Off.

†Supplied and covered by meter in Enterprise Moakler Company.

Penn Metal Company, Concord Avenue.....	6-inch on new supply
Promboin & Son, L., 449 Windsor Street (premises).....	6-inch on new supply
Radcliffe College, 8 Garden Street.....	6-inch on new supply
Reardon & Sons' Corporation, John, Waverly Street.....	8-inch on new supply
Revere Sugar Refinery, 71 Ninth Street.....	6-inch on new supply
Riverside Boiler Works, 493 Main Street (premises).....	6-inch on new supply
Russell & Company, Norfolk Street.....	6-inch on new supply
Shapiro, J., 620 Memorial Drive.....	6-inch on new supply
Squirrel Brand Nut Company, 10-12 Boardman Street.....	4-inch on new supply
Standard Oil Company, 265 Sixth Street.....	6-inch on old supply
Standard Oil Co., Fifth and Potter Streets (premises) (garage) ..	3-inch on new supply
Sterling Knit Goods Company, Stiles Street... ..	6-inch on old supply
Sugarman Brothers, 541 Windsor Street.....	6-inch on new supply
United Carr Fastener Company, 31 Ames Street.....	6-inch on new supply
United Carr Fastener Company, Amherst Street.....	6-inch on new supply
University Press, Nutting Road.....	6-inch on old supply
University Press, University Road.....	6-inch on new supply
Ward Baking Company, Albany Street.....	6-inch on old supply
Wheelock Lovejoy Company, Sidney Street.....	6-inch on new supply
Whiting Milk Company, Albany Street.....	6-inch on new supply

See also other list.

DRINKING FOUNTAINS IN USE, 1940

There are twenty-five drinking fountains in use in Cambridge, as follows:

Banks Street, Corporal Burns Playground
 Brattle Street, Lowell Memorial Park, "Jones Bubble"
 Broadway at Norfolk Street, "Jones Bubble"
 Cambridge Common
 Cambridge Field
 Cambridge Street at Third Street
 Central Square
 Fresh Pond Driveway, "Jenks Bubble"
 Harvard Square
 Huron Avenue at Cushing Street Playground, "Jenks Bubble"
 Inman Square, "Jenks Bubble"
 Kendall Square
 Massachusetts Avenue at Blake Street
 Massachusetts Avenue at Cameron Avenue
 Memorial Drive, Magazine Beach
 Memorial Drive, Magazine Beach, "Bubbler"
 Memorial Drive near Wadsworth Street
 Memorial Drive near Granite Street
 Mount Auburn Street, Longfellow Park
 Putnam Square
 Rindge Field
 Thorndike Field, Charles Street
 Thorndike Field, Ninth Street
 Vassal Lane, Father Callanan Playground
 Walden and Raymond Streets, Corcoran Playground

WADING POOLS

There are six wading pools in use in Cambridge, as follows:

- Cambridge Field, Cambridge Street
- Banks Street, Corporal Burns Playground
- Norfolk Street; near Hampshire Street
- Pemberton Street, Rindge Field
- Thorndike Street, Thorndike Field
- Amory Street, corner of St. Mary Road

STONY BROOK OVERFLOW

1940	Gallons Overflowed	Days Overflowed	Rainfall
January.....	.....	..	2.38
February.....	.....	..	6.67
March.....	365,503,000	16	3.49
April.....	845,296,000	30	5.49
May.....	144,715,000	31	3.72
June.....	44,472,000	7	2.26
July.....			3.36
August.....			1.34
September.....			3.04
October.....			1.05
November.....			6.73
December.....			3.44
Total overflow.....	1,399,986,000		
Number of days in which water overflowed.....		84	
Total rainfall.....			42.97

STONY BROOK OVERFLOW, ETC., FOR THE PAST FIFTY-THREE YEARS

	Gallons	No. of Days	Rainfall
1888.....	6,000,000,000	...	.....
1889.....	8,000,000,000	...	.....
1890.....	8,700,000,000	...	.....
1891.....	8,247,800,000	...	45.25
1892.....	3,688,900,000	...	39.82
1893.....	4,427,400,000	...	39.50
1894.....	2,853,000,000	...	35.79
1895.....	5,281,900,000	224	50.52
1896.....	5,704,700,000	224	50.52
1897.....	3,999,700,000	256	43.35
1898.....	5,704,600,000	260	54.03
1899.....	6,969,500,000	175	43.96
1900.....	4,447,100,000	145	51.34
1901.....	6,141,300,000	157	46.77
1902.....	6,359,100,000	182	44.58
1903.....	6,437,500,000	222	45.97
1904.....	5,726,399,000	171	41.18
1905.....	3,148,900,000	140	38.40
1906.....	3,510,700,000	170	39.16
1907.....	2,415,900,000	147	42.32
*1908.....	3,384,300,000	184	} 48.23
†1909 for 4 months.....	960,800,000	50	
†1910.....	2,531,500,000	137	37.83
†1911.....	57,200,000	22	31.78
†1912.....	1,395,200,000	69	42.63
†1913.....	2,571,200,000	132	41.22
†1914.....	3,022,800,000	99	42.13
†1915.....	3,477,200,000	111	34.44
†1916.....	2,581,900,000	136	41.90
†1917.....	4,091,800,000	141	37.11
†1918.....	2,386,100,000	136	38.69
†1919.....	2,186,400,000	111	41.24
†1920.....	5,502,900,000	173	51.33
†1921.....	5,727,600,000	217	40.52
†1922.....	3,351,100,000	135	44.11
†1923.....	2,981,000,000	125	50.74
†1924.....	1,936,700,000	145	37.09
†1925.....	2,941,900,000	113	43.27
†1926.....	1,782,900,000	82	44.27
†1927.....	1,834,524,000	82	39.63
†1928.....	2,118,753,000	199	46.98
†1929.....	2,471,275,000	180	46.28
†1930.....	1,894,741,000	79	36.50
†1931.....	984,313,000	53	40.82
§1931 for 9 months.....	943,665,000	79	32.20
¶1932.....	2,084,276,000	181	47.31
¶1933.....	4,799,418,000	159	47.84
1934.....	3,482,674,000	162	41.24
1935.....	3,054,610,000	142	35.93
1936.....	2,284,948,000	100	46.74
1937.....	1,784,278,000	204	44.79
1938.....	4,270,183,000	270	58.50
1939.....	1,937,471,000	102	39.58
1940.....	1,399,986,000	84	42.97

Since 1921, the decrease in the gallons overflow has been due to the raising of the elevation of the crests of the Stony and Hobbs Brooks waterways two feet, which provided for an additional storage for 48,000,000 gallons of water in Stony Brook and 489,000,000 gallons in Hobbs Brook that usually wasted into Charles River.

*Previous to 1908—Fiscal year ended November 30.

§ Fiscal year changed to December 31, 1931

†Overflow from December 1, 1908, to March 31, 1909.

¶ January 1 to December 31.

‡Fiscal year ended March 31.

HOBBS BROOK RESERVOIRS					STONY BROOK RESERVOIR				
Lincoln Street, Basin No. 1		Winter Street, Basin No. 2			Date	Elevations		Total Monthly Rainfall	
Date	Highest Elevation During Month	Lowest Elevation During Month	Highest Elevation During Month	Lowest Elevation During Month		Highest Elevation During Month	Lowest Elevation During Month		
1940					1940				
Jan. 10-12		174.34		174.34	Jan. 1	79.92	75.08	2.38	
Jan. 22	174.80	174.72	174.80	174.72	Jan. 14		73.04		
Feb. 6	175.62		175.62		Feb. 7			6.67	
Feb. 29	178.25	175.63	175.62	175.63	Feb. 26	80.70			
Mar. 1	178.25	178.30	178.25	175.63	Mar. 5	83.68	78.64	3.49	
Mar. 31	181.69	181.74	178.25	178.30	Mar. 21-22	83.87			
April 1	182.60		181.69	178.30	April 1	83.39	83.29	5.49	
April 30	182.94	181.74	181.69	181.74	April 8				
May 1	182.99		182.60		May 1, 5, 6	83.34	83.04	3.72	
May 31	182.72	182.78	182.94	181.74	May 21, 22, 23				
June 10-19	182.72		182.94		June 2	79.55	79.76	2.26	
June 24	180.96	182.72		182.78	June 30				
July 13	180.89	182.72	182.99	182.78	July 1	73.42		3.36	
July 30-31	178.92	182.72	182.72	182.72	July 30	73.82	73.82	1.34	
Aug. 1	178.92	176.90	182.72	180.96	Aug. 1	77.04		3.04	
Aug. 31	176.90	176.43	180.89	180.96	Aug. 31				
Sept. 1-3	177.20	177.18	178.92	178.99	Sept. 1	78.17	76.42	1.05	
Sept. 30	177.56		178.92	176.90	Sept. 30	78.16	76.31	6.73	
Oct. 1				176.90	Oct. 1			3.44	
Oct. 31				176.43	Oct. 31				
Nov. 12				177.18	Nov. 2				
Nov. 29					Nov. 19	80.37			
Dec. 1-2					Dec. 11	80.67	75.51		
Dec. 31					Dec. 31				
Total rainfall			36.27					42.97	

FINANCIAL STATEMENT OF WATER DEPARTMENT

January 1, 1940 to December 31, 1940

EXPENDED

General Maintenance Account

A. Personal Service

1. Permanent employees

Labor.....	\$98,311 95	
Superintendent.....	5,000 00	
Clerks.....	15,019 28	
Inspectors.....	23,313 76	\$141,644 99

2. Temporary employees.....	\$4,225 63	4,225 63
-----------------------------	------------	----------

B. Service Other Than Personal

1. Printing and binding.....	\$79 50	
2. Postage.....	521 20	
3. Advertising and posting.....	13 00	
4. Transportation of persons.....	200 00	
5. Cartage and freight.....	4 44	
6. Hire of teams and auto trucks.....	124 25	
8. Light and power.....	229 53	
9. Lighting reservations.....	38 04	
10. Rent, taxes, water.....	3,607 86	
12. Premium on surety bond.....	30 00	
13. Communication.....	555 84	
14. Motor vehicles, care and repair.....	45 55	
22. Medical.....	72 00	
35. Fees.....	33 00	
39. Service not otherwise coded.....	74 15	
44. Travel outside the State.....	50 40	5,678 76

C. Equipment

4. Motor vehicles.....	\$2,908 40	
9. Office.....	18 00	
13. Tools and instruments.....	2,065 25	
17. Equipment not otherwise coded.....	332 87	5,324 52

D. Supplies

1. Office.....	\$519 43	
3. Fuel.....	250 00	
5. Medical, surgical, laboratory.....	3 00	
8. Laundry, cleaning.....	24 00	
11. Motor vehicles, gasoline and oil.....	1,711 88	
13. Chemicals and disinfectants.....	74 82	
16. Supplies not otherwise coded.....	812 86	
17. Motor vehicles, parts.....	470 95	3,866 94

E. Materials

6. Water.....	\$21,216 19	
13. Materials not otherwise coded.....	595 30	21,811 49

F. Special Items

1. To replace defective meters.....	\$4,953 90	
2. Damages.....	64 10	
7. Pensions.....	20,281 62	
12. Repairing pavements.....	1,136 44	
13. Retirement system.....	771 04	
14. Inspection.....	82 00	
15. Leakage.....	1,443 96	\$28,733 06
Total Expenses for General Maintenance.....		\$211,285 39
Maturing debt, serial loans.....	\$57,500 00	
Interest on debt.....	24,713 75	

Pumping Account

A. Personal Service

1. Permanent employees.....	\$29,690 67	
2. Temporary employees.....	541 49	30,232 16

B. Service Other Than Personal

5. Cartage and freight.....	\$0 23	
8. Light and power.....	576 24	
13. Communication.....	55 78	
22. Medical.....	226 00	
39. Service not otherwise coded.....	399 15	1,257 40

C. Equipment

13. Tools and instruments.....	\$74 61	
16. Wearing apparel.....	7 90	
17. Equipment not otherwise coded.....	242 16	324 67

D. Supplies

2. Food and ice.....	\$35 20	
3. Fuel.....	19,538 25	
5. Medical, surgical, laboratory.....	3 46	
8. Laundry, cleaning.....	37 65	
16. Supplies not otherwise coded.....	2,991 35	22,605 91

E. Materials

13. Materials not otherwise coded.....	\$249 84	249 84

F. Special items

11. Workingmen's compensation.....	\$182 57	182 57

Total Expenses for Pumping Account.....		\$54, 852 55
---	--	--------------

Reservoirs Account

A. Personal Service

1. Permanent employees.....	\$37,697 37	
2. Temporary employees.....	2,580 00	\$40,277 37

B. Service Other Than Personal

4. Transportation of persons.....	\$200 00	
6. Hire of teams and auto trucks.....	150 00	

8. Light and power	\$80 32	
10. Rent, taxes, water	54 68	
13. Communication	161 33	
14. Motor vehicle, repairs and care	8 00	
18. Cleaning (vaults, etc.)	12 00	
22. Medical	34 00	
35. Fees	4 00	
39. Service not otherwise coded	146 13	\$850 46
C. Equipment		
13. Tools and equipment	\$90 98	
17. Equipment not otherwise coded	146 10	237 08
D. Supplies		
3. Fuel	\$67 60	
11. Motor vehicles, gasoline and oil	207 80	
16. Supplies not otherwise coded	265 02	
17. Motor vehicles, parts	43 89	584 31
E. Materials		
13. Materials not otherwise coded	\$497 14	497 14
F. Special Items		
10. Police, protection fund	\$4,224 42	4,224 42
Total Expenses for Reservoirs Account		\$46,670 78

Filtration Account

A. Personal Service		
1. Permanent employees	\$26,222 99	
2. Temporary employees	120 00	\$26,342 99
B. Service Other Than Personal		
5. Cartage and freight	\$4 59	
8. Light and power	6,428 70	
13. Communication	69 98	
39. Service not otherwise coded	69 50	6,572 77
C. Equipment		
13. Tools and instruments	\$47 86	
17. Equipment not otherwise coded	134 60	182 46
D. Supplies		
1. Office	\$106 06	
3. Fuel	1,480 40	
5. Medical, surgical, laboratory	121 40	
8. Laundry, cleaning	2 00	
13. Chemicals and disinfectants	13,541 00	
16. Supplies not otherwise coded	756 46	16,007 32
E. Materials		
13. Materials not otherwise coded	\$49 95	49 95
Total Filtration Expenses		\$49,155 49

EXPENDED

JANUARY 1 TO DECEMBER 31, 1940

	General Maintenance Account	Pumping Account	Reservoirs Account	Filtration Account
A.....	\$145,870 62	\$30,232 16	\$40,277 37	\$26,342 99
B.....	5,678 76	1,257 40	850 46	6,572 77
C.....	5,324 52	324 67	237 08	182 46
D.....	3,866 94	22,605 91	584 31	16,007 32
E.....	21,811 49	249 84	497 14	49 95
F.....	28,733 06	182 57	4,224 42	.....
	\$211,285 39	\$54,852 55	\$46,670 78	\$49,155 49
Add				
Maturing debt				
serial loan.....	\$57,500 00			
Interest on debt..	24,713 75			
Total.....	\$293,499 14			

EXPENDED IN 1940

Total Expenditures

General Maintenance.....	\$293,499 14	
Pumping.....	54,852 55	
Reservoirs.....	46,670 78	
Filtration.....	49,155 49	
Total expenditures.....		\$444,177 96

Deduct

Maturing debt serial loan.....	\$57,500 00	
Interest on debt.....	24,713 75	
Received from new supplies, renewing supplies, and cleaning supplies.....	8,728 18	
		90,941 93
Leaving for operating expenses.....		\$353,236 03

Cost per million gallons (4,491,500,500 gallons)

Based on General Maintenance expenses (\$293,499 14).....	\$65 34
Based on Pumping expenses (\$54,852 55).....	12 21
Based on Filtration expenses (\$49,155 49).....	10 94
Based on total operating expenses (\$353,236 03).....	78 64
Based on total expenses (\$444,177 96).....	98 89

INVENTORY OF PROPERTY OWNED BY THE WATER DEPARTMENT
DECEMBER 31, 1940

Adams Street, land.....	\$11,400 00	
Auburn Street		
Land.....	15,500 00	
Buildings.....	16,800 00	
Stock and tools.....	20,000 00	
Auto equipment.....	10,000 00	
Concord Avenue		
Land.....	\$32,310 00	
Buildings.....	4,000 00	
Tools, etc.....	800 00	
Cushing Street.....	\$20,500 00	
Fresh Pond Lane.....	89,100 00	
Grove Street Rear.....	9,500 00	
Huron Avenue.....	6,500 00	
Kingsley Park.....	8,000 00	
Lake View Avenue.....	20,000 00	
Lexington Avenue, buildings.....	10,000 00	
Massachusetts Avenue, City Hall, Office.....	\$1,000 00	
Vassal Lane.....	900 00	
Worthington Street		
Land.....	\$20,200 00	
Buildings.....	115,000 00	
Pumps.....	270,000 00	
Boilers.....	55,000 00	
East Side House.....	5,000 00	
Woodlawn Avenue.....	\$15,500 00	
Blanchard Road.....	100 00	
Blanchard Road.....	100 00	
Fitchburg Railroad.....	100 00	
		\$757,310 00
Main pipe, hydrants, gates, etc.....	\$5,620,924 00	
63" conduit.....	654,139 00	
Stony Brook conduit.....	300,000 00	
Filtration plant and equipment.....	1,050,774 00	
Payson Park pipe line and reservoir.....	322,793 00	
Stony Brook reservation.....	722,093 00	
Stony Brook gate house.....	775 00	
Hobbs Brook reservation.....	1,187,196 00	
Fresh Pond.....	584,491 00	
Conduits Broad Canal.....	22,336 00	
		\$11,222,831 00
Less 3 per cent depreciation.....		336,684 93
Balance.....		\$10,886,146 07

In April, the Federal Works Administration appropriated the sum of \$29,426.00, and in November, \$12,000.00 for labor for the removing and replacing of old mains, installing of additional hydrants, service connections, etc. The following mains were laid:

	Feet	Inches
Bay Street.....	204	6
Brattle Square.....	208	6
Channing Street.....	471	6
Edmunds Street.....	230	6
Fresh Pond, from Concord Avenue to 40-inch steel pipe	1,683	12
Gordon Place.....	239	6
Green Street.....	1,026	6
Lowland Avenue.....	265	6
Morrison Court.....	120	4
Ninth Street.....	173	8
St. Gerard Terrace.....	115	4
Seckel Street.....	171	6
Windsor Street.....	488	8
Yorktown Court.....	130	4
	<u>5,523</u>	

The following connections were made:

- 6-inch main on Story Street to 12-inch main on Mount Auburn Street.
- 6-inch main on Hawthorn Street to 12-inch main on Mount Auburn Street.
- 6-inch main on Willard Street to 12-inch main on Mount Auburn Street.
- 6-inch main on Sparks Street to 12-inch main on Mount Auburn Street.
- 6-inch main on Brewer Street to 12-inch main on Mount Auburn Street.

Additional hydrants were installed as follows: 14 Story Street, 17-19 Cowperthwaite Street, 36 Shepard Street, 847 Massachusetts Avenue, 891 Massachusetts Avenue, 957 Massachusetts Avenue, 985 Massachusetts Avenue, 1201 Massachusetts Avenue, 608 Green Street, 702 Green Street, 7 Gordon Place

The Water Department expended the sum of \$15,000.00 for material in connection with the above improvements.

Two defective sections of the 62-inch concrete pipe between Spring Street and Church Street, Watertown, were cut out where leakage had developed. The work was started on July 29, 1940. Water was turned off from Stony Brook on July 30, and all water being used to supply the city was pumped from Fresh Pond. Two 10-foot sections of concrete pipe were cut out, and 10-foot sections of 60-inch steel pipe inserted and connected with 60-inch Dresser couplings. Joints inside of concrete pipe were made with yarn and caulked with lead wool, and waterproofed with sloping cement joints between concrete and steel pipe to prevent friction loss. Outside joints were packed with yarn, and leadite joints six inches deep made between concrete and steel pipe. The final

work consisted of reinforced collar of cement all around steel and concrete pipe, 15 inches wide, with reinforced steel rods. The work was completed and water turned on August 15, 1940, at 4 p.m. This work was performed by regular employees of the Water Department.

On June 18, His Honor, the Mayor, appointed John A. McDonald, 57 Maple Avenue, Cambridge, to be a member of the Water Board for five years from the thirtieth day of June, 1940.

In accordance with the recommendations of the Commissioner of Public Health, a representative of the Water Department, accompanied by an agent of the Department of Public Health, makes bi-monthly inspections of the overflow at the Dean Piggery. While a new chlorinator has been installed, we feel it is still necessary to have careful supervision to prevent any pollution to the water entering Stony Brook.

The Board authorized the Superintendent to proceed with the recommendations of the National Defense Council regarding restrictions for protection of water supply, and the following work has been completed:

Proper lighting facilities at the Pumping Station, Purification Works, granite gate house at Waltham, gate control house in the Town of Lincoln on Trapelo Road, gate house at Stony Brook in Weston, and gate house at Payson Park.

Barriers constructed at both entrances to Fresh Pond on city-owned land; grounds closed to all automobile traffic after 5.30 p.m.; all buildings properly locked.

All buildings closed to visitors, no one being admitted unless he can show a permit, and to enter only for the purpose of transacting business.

Watchmen's recording instruments installed so that visits of watchmen may be checked every half hour at Purification Works, Payson Park and Pumping Station.

The Chiefs of Police of Waltham, Weston, Lincoln and Belmont have coöperated with the Cambridge Water Board, and their officers have been instructed to either visit with prowler car or motorcycle all gate houses at least every half hour.

All equipment, including compressors and trucks, has been put in first-class condition, and repair crews have been notified to be on call for 24-hour periods in the event of any emergency arising where gates or water mains might be tampered with.

The Commissioner of Public Health called the attention of the Water Department to the necessity of maintaining careful supervision over all cross connections, especially in the form of check valves, and a representative of our department, accompanied by an agent of the Department of Public Health, makes bi-monthly inspections of all check valves throughout the City.

DR. GEORGE F. McINNES, *Chairman*

HENRY L. SKELLEY

THOMAS H. O'HARA

JOHN J. FOLEY

JOHN A. McDONALD

Cambridge Water Board.

The following employees have been pensioned during the year: John Ford, employed since 1918, pensioned January 13, 1940; Patrick B. Murphy, employed since 1916, pensioned July 1, 1940, and passed away October 17, 1940; Patrick Eagan, employed since 1915, pensioned July 20, 1940; George B. Manetta, employed since 1926, pensioned October 15, 1940; John F. Harrington, employed since 1922, pensioned November 3, 1940; Peter Gardner, employed since 1915, pensioned December 14, 1940. The following former employees, pensioned, passed away during the year: James Cotter, pensioned in 1930, died February 21, 1940; Lawrence F. Murray, pensioned in 1939, died May 4, 1940; John W. Doherty, pensioned in 1932, died May 22, 1940; John Manning, pensioned in 1930, died June 5, 1940; Harry L. Lincoln, pensioned in 1932, died October 17, 1940; Jeremiah M. Nolan, pensioned in 1939, died November 19, 1940. The following active employee passed away during the year: William Lehan, employed since 1918, died May 14, 1940. All these men in the past have rendered faithful service to the department.

TIMOTHY W. GOOD,

General Superintendent.

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
BOARD OF HEALTH

For the Year Ending December 31, 1940



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ORGANIZATION OF HEALTH DEPARTMENT

BOARD OF HEALTH

DAVID J. NELLIGAN, *Chairman*

JOHN J. HENDERSON

THOMAS H. HEATON, M.D.

Agent and Clerk

JOHN D. CROWLEY

Health Officer

SIMON B. KELLEHER, M.D.

Office

MARGARET C. FITZGERALD
MARY F. LYONS

HELEN C. MORAN

Social Worker

C. ISABEL TORNEY

Bacteriologist and Inspector of Milk

ROBERT E. BEMIS, Ph.C.

Laboratory Assistants

Collector of Cultures

WARREN G. MURPHY

Collector of Samples

THOMAS J. COLLINS

Inspectors of Food and Provisions also Inspectors of Slaughtering

JOSEPH L. JOHNSON
JOSEPH P. MURPHY

RICHARD J. NIXON
WALTER A. ROW

Housing and Plumbing Inspector

AUGUSTINE M. JOHNSON

Sanitary Inspectors

EUGENE P. CALLAHAN
WILLIAM J. HALEY

DANIEL J. MURPHY
JOSEPH H. C. SAMPSON

School Physicians

FRANCIS T. DOWNEY, M.D.
SAMUEL E. CHALFEN, M.D.
MORRIS L. DRESSLER, M.D.
MYER MARLIN, M.D.
CHARLES M. HUTCHINSON, M.D.
JOHN P. NELLIGAN, M.D.

JOHN F. FAIR, M.D.
GEORGE A. WHITE, M.D.
FRANCIS J. BARNES, M.D.
JOSEPH M. WADDEN, M.D.
JEREMIAH A. GREENE, M.D.

School Nurses

MARY C. CHURCH, R.N., *Chief*
 CATHERINE M. BURKE, R.N. ELIZABETH SULLIVAN, R.N.
 BEATRICE E. HAYDEN, R.N. HELEN F. O'ROURKE, R.N.
 ELIZABETH HAYDEN, R.N.* MADELINE C. RELLIS, R.N.
 ANNA M. DUNDON, R.N. HELEN E. ANZELONE, R.N.
 MILDRED C. DOHERTY, R.N. RUTH E. PARKER, R.N.
 LILLIAN MAHONEY, R.N.

DENTAL CLINICS

EMILY M. LUCK, D.M.D., *Supervisor*

Dentists

MATTHEW F. SHEA, D.M.D.*
 WALTER L. CRONIN, D.M.D.
 WILLIAM H. MORAN, D.M.D.
 GEORGE WHITE, D.M.D.
 JOHN L. McCARTHY, D.M.D.
 HERBERT L. SMOLAR, D.M.D.
 EDWARD ROSENBERG, D.M.D.
 JULIAN B. DOHERTY, D.M.D.

Assistants

HELEN ROACH
 ALICE S. LOGAN
 AGNES McCORMACK†
 GRACE F. MANSFIELD
 KATHLEEN CASSIDY†
 GERTRUDE DuBOIS
 JOSEPHINE P. MOONEY
 JOAN KEANE
 MARY C. WRIGHT
 ESTHER J. DOYLE

DIPHTHERIA IMMUNIZATION CLINICS

GEORGE A. WHITE, M.D.

KATHERINE McGRATH, R.N.

BABY CLINICS

Physicians

SAMUEL E. CHALFEN, M.D.
 SAMUEL A. CLEMENT, M.D.
 ALBERT POIRIER, M.D.
 ALEXANDER MAHLOWITZ, M.D.
 MYER MARLIN, M.D.

PHILIP SHEA, M.D.
 MAURICE S. DUCHIN, M.D.
 JACOB L. RUDD, M.D.
 HAROLD RUDY, M.D.
 JACOB FACTOR, M.D.

Nurses

BRIDGET A. HEANUE, R.N.
 MARY A. MacDONALD, R.N.

AGNES C. TOOLE, R.N.
 LENORE MULQUEENY, R.N.

COMMUNICABLE DISEASE NURSES

MARGARET M. GIBSON, R.N.

MARY A. KENNEY, R.N.

TUBERCULOSIS HOSPITAL (Sanatorium)
(799 Concord Avenue)

WILLIAM R. MARTIN, M.D., *Resident Superintendent*
 HENRY D. CHADWICK, M.D., *Medical Director*
 MORRIS BRAVERMAN, M.D., *Resident Physician*
 FELIX F. McGIRR, *Visiting Physician*
 MARY A. BARRY, R.N., *Superintendent of Nurses*

TUBERCULOSIS DISPENSARY (Out-Patient Department)
(799 Concord Avenue)

MARGARET McINERNEY, R.N.

MARGARET N. H. McGRATH, R.N.

* Retired.

† Resigned.

REPORT OF THE BOARD OF HEALTH

Cambridge, Mass., January 31, 1941

To the Honorable City Council:

Submitting herewith the sixty-third annual report of the Board of Health of the City of Cambridge, which is for the year ending December 31, 1940.

The personnel of the Department, receipts and disbursements, statistics and summaries of the divisional reports are shown in detail. During the year the Board of Health held twelve regular monthly meetings and ten special meetings.

Our compilation of vital statistics for 1940 shows we had 1,483 deaths with a general death rate of 13.36 compared with 11.08 for 1939 and 13.4 for 1915, while our corrected death rate (Cambridge residents only) was 12.47 compared with 10.67 in 1939 and 14.12 in 1915. This higher death rate in 1940 was due to a 10 per cent increase in number of deaths and to a 10 per cent decrease in population as shown by the 1940 federal census.

The general birth rate here for 1940 was 16.90 — compared with 17.70 for 1939 and 28.7 in 1915. There were 67 stillbirths in 1940 compared with only 77 in 1939 and 118 in 1915.

Our infant mortality rate again reached an all time low mark, with only 33.5 per 1,000 live births, compared with 35 in 1939 and 93.1 in 1915.

Our maternal mortality rate for 1940 was 3.2 compared with 4.2 in 1930 and 3.3 in 1915 (per 1,000 live births).

The major causes of death in 1940 were: heart 314; cancer 201; cerebral hemorrhage 189; arteriosclerosis 170; pneumonia 128; cardio renal 54; diabetes 45; and pulmonary tuberculosis 37. These eight leading causes of death total 1,138 or seventy-six (76) per cent of all deaths in the city. Thirty-seven (37) per cent of all deaths were persons over 70 years of age, compared with only twenty-nine (29) per cent in 1930. We had only eleven (11) auto deaths in 1940 compared with seventeen (17) in 1939, while we had only eighteen (18) deaths from alcoholism compared with twelve (12) in 1930, and we had twenty-three (23) suicides compared with seventeen (17) in 1939 and thirteen (13) in 1930.

We had only four cases of diphtheria reported in 1940, while we had 358 cases and 38 deaths in 1915. Our pulmonary tuberculosis rate was again the second lowest in the history of our city, both for deaths within the city regardless of residence (33.34), as well as for Cambridge residents who died within and without the city (41.82).

Our Tuberculosis Hospital, now officially known as the Cambridge Sanatorium, had an average of 81 patients per day with a total of 29,593 patient days, at a total operating cost of \$97,156.54 or \$3.28 per patient per day. Our revenue for the care of patients at the Hospital was only \$12,065.07, but in addition to this the State Subsidy, which was discontinued since 1932 (because our Hospital did not meet the requirements of the State Department of Public Health) was resumed this year (as our additional unit, with the renovations and modernization of equipment and personnel, brings our Sanatorium up to first-class standard with capacity for 100 beds) will yield revenue of about \$15,000 for 1940 although not received until 1941. The gross cost per patient per day was about the same as for 1939 (\$3.29), due to a 33 per cent increase in number of patients to offset a similar increase in cost of maintenance. The Tuberculosis Dispensary formerly located at 14 Camelia Avenue (City Hospital Building) was transferred to the Out Patient Department of the Sanatorium on February 1, 1940, at which time that medical service was taken over by the Sanatorium staff.

Our Department continues its coöperation with the State Department of Public Health in its state-wide tuberculosis prevention program among school children. All high school students, whose parents consent, are tuberculin tested, X-rayed, and physically examined every three years. Our percentage of parental consents must be improved considerably if we are to obtain the intended benefits of this "Early Discovery — Early Recovery" program.

During the year the Health Department lost the services of Elizabeth Hayden, R.N., School Nurse, who was retired because of injury received while on duty, after having served continually since October 1921. Ruth E. Parker, R.N. was appointed to fill this vacancy. Dr. Leo T. Myles, who has served as a member of the Board of Health since April 1934, was succeeded by Dr. Thomas H. Heaton.

The Board of Health expresses its sincere appreciation of the excellent coöperation and assistance given by the Mayor, City Council, city officials, the private health and welfare agencies, and all others who have contributed in maintaining the high standard of public health in Cambridge.

DAVID J. NELLIGAN, *Chairman*
THOMAS H. HEATON, M.D.
JOHN J. HENDERSON

EXPENDITURES

EXPENDED FOR SALARIES

January 1 — December 31, 1940

Medical inspector	\$3,500 00	
Clerk	3,450 00	
Social worker	1,900 00	
Stenographers and clerks (3)	4,058 00	
Inspectors of provisions (4)	8,905 00	
Sanitary inspectors (4)	7,820 00	
Plumbing and housing inspector	2,700 00	
School nurses (11)	16,199 41	
School physicians (12)	4,616 67	
Infant welfare nurses (4)	6,767 49	
Contagious disease nurses (2)	3,034 98	
Dispensary physician	67 76	
Dispensary nurses, tuberculosis (2)	3,400 00	
Physician — Schick clinics	1,500 00	
Clinic nurse (Schick)	1,700 00	
		\$69,619 31

EXPENDED FOR GENERAL EXPENSES

January 1 — December 31, 1940

(A) Board and care:		
Scarlet fever	\$6,452 00	
Tuberculosis (State sanatoria)	9,241 72	
Tuberculosis (X-rays)*	31 00	
Anti-rabic treatment and serum	198 56	
Diphtheria	1,546 50	
Whooping cough	337 00	
Measles	303 00	
Chicken pox	135 00	
Mumps	18 00	
Suppurative conjunctivitis	58 26	
		\$18,321 04
(B) Reimbursement of other cities and towns:		
Typhoid fever	\$563 50	
Scarlet fever	738 00	
Lobar pneumonia	4 50	
		\$1,306 00
Printing and binding	\$ 87 50	
Postage	250 00	
Transportation of persons	850 00	
Communication (telephone)	126 85	
Motor vehicle repairs and care	21 50	
Care of persons (see A and B)	19,627 04	
Fees, services of venires, etc.	10 62	
Services not otherwise coded	25 00	
Office supplies	358 88	
Schick clinic	45 45	
School inspection	85 85	
Infant welfare	43 35	
Motor vehicle, gasoline and oil	166 01	
Motor vehicle parts and supplies	98 50	
Examination of school children (annual examinations)	4,295 20	
Rent (water filter tank)	48 00	
Eye glasses (needy school children)	1,091 12	
Supplies not otherwise coded	5 75	
		\$27,236 62

* Service taken over by Tuberculosis Hospital.

EXPENDED FOR TUBERCULOSIS HOSPITAL

January 1 to December 31, 1940

Salaries:

Medical director	\$3,600 00	
Resident superintendent	4,500 00	
Resident physician	2,500 00	
Physician	1,600 00	
Interne	250 00	
Superintendent of nurses	1,700 00	
Assistant superintendent of nurses	1,200 00	
Nurses	8,350 95	
Cook	1,040 00	
Baker	1,300 00	
Dishwashers	1,342 50	
General hospital workers	2,604 07	
Laundresses	1,300 00	
Launderer	728 00	
Maids	1,950 00	
X-ray technician	1,020 00	
Scrubman	780 00	
Engineer	2,418 00	
Firemen (3)	6,500 00	
Caretaker	780 00	
Choreman	780 00	
Chef	1,605 00	
Occupational therapist	800 00	
Dietitian	1,020 00	
Porter	379 29	
Clerks and stenographers	2,126 00	
		\$52,173 81
Vacation substitutes and temporary help	\$1,598 63	
Postage	\$25 00	
Cartage and freight	24 59	
Light and power	2,570 85	
Communication	311 05	
Services not otherwise coded	131 95	
Sanitary equipment	163 79	
Office supplies	233 60	
Food and ice	22,494 19	
Fuel	6,109 31	
Medical, surgical and laboratory supplies	2,038 58	
Laundry and cleaning	535 98	
Supplies not otherwise coded	1,474 58	
Bedding and linen	518 98	
Engine and fireroom supplies	291 36	
Occupational therapy	366 13	
Special surgical service	3,062 36	
Insect extermination	35 00	
Workmen's compensation	589 16	
Medical and laboratory equipment	784 77	
General equipment	350 08	
X-ray supplies	1,197 79	
Boiler inspection	30 00	
Machinery	45 00	
		\$43,384 10

EXPENDED FOR LABORATORY

January 1 — December 31, 1940

Salaries:

Technician	\$3,000 00	
Collector of samples	2,350 00	
Collector of cultures and laboratory assistant	1,750 00	
		\$7,100 00
Substitute (Bacteriologist) vacation		\$35 00
Motor vehicles, repair and care	\$13 50	
Fees, services of venires, etc.	2 00	
Office supplies	58 40	
Medical, surgical laboratory	101 28	
Motor vehicles, gasoline and oil	55 50	
Motor vehicle parts	23 79	
Postage	10 00	
Transportation of persons	10 00	
Laundry and cleaning	2 20	
Cartage and freight	26	
		\$276 93

EXPENDED FOR DENTAL CLINICS

January 1 — December 31, 1940

Salaries:

Dentists	\$11,660 00	
Assistants	3,020 00	
		\$14,680 00
Substitute	\$216 00	
Services not otherwise coded	11 25	
Office supplies	24 75	
Medical, surgical	512 87	
		\$548 87

BOARD OF HEALTH RECEIPTS

January 1 — December 31, 1940

Contagious diseases (including all but tuberculosis):

State	\$2,037 00	
Cities and towns	1,550 50	
Individuals	49 00	
Middlesex County Commissioners (dog bite)	34 50	
		\$3,671 00

Tuberculosis:

State	\$11,531 00	
Individuals	345 50	
Subsidy	188 57	
		\$12,065 07

LICENSES

Alcohol (denatured).....	\$23 00	
Barber shops.....	3 00	
Beverages.....	100 00	
Garbage, grease, bones and manure	76 00	
Massage.....	28 00	
Massage establishments.....	8 00	
Vapor baths.....	5 00	
		\$243 00
Milk (dealers and stores).....	\$462 50	
Oleomargarine.....	39 50	
Ice cream manufacturers.....	466 00	
Pasteurization.....	40 00	
		\$1,008 00
Dental clinic registration fee.....		\$543 95

VITAL STATISTICS

DEATH RATE PER 1,000 LIVING FOR ALL CAUSES
POPULATION 110,879 APRIL 1, 1940

1931	1932	1933	1934	1935	1936	1937	1938	1939	1940*
11.93	12.09	12.23	11.67	12.03	12.02	12.02	11.39	11.08	13.36
11.04	11.30	11.70	11.54	11.63	11.49	11.35	10.57	10.67	12.49

The upper row gives the death rate of all deaths in Cambridge; that is, it includes the non-residents that died in the city, but excludes Cambridge residents who died outside the city. The lower row of rates includes Cambridge residents who died outside the city, and excludes non-residents who died in Cambridge.

The figures given for population are estimated by the method adopted by the Bureau of Census. The mean annual death rate for ten years, 1931 to 1940 inclusive, is 11.98. This includes non-residents who died in the city. The mean annual death rate, excluding non-residents but including Cambridge residents who died outside the city, is 11.47.

Table A gives causes of deaths by ages, in accordance with the International Classification of Causes of Deaths, of those persons who died in Cambridge, and includes non-residents.

Table B gives number of cases reported, the morbidity per 100,000 living, death rate per 100,000 living, including residents who died outside the city, and death rate per 100 cases reported of diphtheria, scarlet fever and typhoid fever for the years 1931 to 1940, inclusive.

Table C gives the death rate per 100,000 living for cancer, diarrheal diseases, whooping cough, heart disease, pneumonia, and tuberculosis, for the years 1931 to 1940, inclusive. In this table, the upper part is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents in Cambridge are excluded. The lower number is derived from the actual number of deaths in the city and includes non-residents but excludes Cambridge residents who died outside of Cambridge.

Table D gives the morbidity reports by weeks.

Table E gives the morbidity reports by month and by ward.

Table F gives morbidity distribution by diseases, sex, and age group.

Table G gives morbidity, population and area, by ward, for entire year.

Table H gives mortality (all causes) by months and by ward.

Table I gives diphtheria morbidity, by months, for a decade.

* Note decrease in population according to United States 1940 Census.

TABLE A — Continued

CAUSES OF DEATH																																					
X. Diseases of the Genitourinary System (Continued)																																					
134. Calculi of the urinary passages.....	Under 1		1 to 2		2 to 3		3 to 4		4 to 5		Total Under 5		5 to 9		10 to 14		15 to 19		20 to 29		30 to 39		40 to 49		50 to 59		60 to 69		70 to 79		80 to 89		90 and Over		Total 5 and Over		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
135. Diseases of the bladder (tumors excepted).....																																					
136. Diseases of the urethra, urinary abscess, etc.: (a) Stricture of the urethra.....																																					
(b) Others under this title.....																																					
137. Diseases of the prostate.....																																					
138. Diseases of the male genital organs, not specified as venereal.....																																					
139. Diseases of the female genital organs, not specified as venereal: (a) Cysts of the ovary.....																																					
(b) Other diseases of the ovaries and diseases of the tubes and parametrium.....																																					
(c) Diseases of the uterus.....																																					
(d) Nonpuerperal diseases of the breast (cancer excepted).....																																					
(e) Other diseases of the female genital organs.....																																					
XI. Diseases of Pregnancy, Childbirth, and the Puerperal State																																					
140. Abortion with septic conditions.....																																					
141. Abortion without mention of septic condition (to include hemorrhages).....																																					
142. Ectopic gestation: (a) With septic conditions specified.....																																					
(b) Without mention of septic conditions.....																																					
143. Other accidents of pregnancy (not to include hemorrhages).....																																					
144. Puerperal hemorrhage: (a) Placenta prævia.....																																					
(b) Other puerperal hemorrhages.....																																					
145. Puerperal septicemia (not specified as due to abortion): (a) Puerperal septicemia and pyemia.....																																					
(b) Puerperal tetanus.....																																					

TABLE B

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Diphtheria	53	69	50	14	2	3	3	6	19	4
	43.8	60.2	43.5	11.21	1.67	2.51	2.49	4.95	15.65	3.60
	4.38	3.44	1.74	0.00	0.00	0.00	0.00	.82	.81	0.00
	9.44	5.79	4.00	0.00	0.00	0.00	0.00	33.33	5.26	0.00
Scarlet Fever	514	505	344	216	202	269	327	380	151	150
	452	441	299	187	170	216	278	313	123	135
	1.75	3.44	1.74	3.47	1.87	0.00	.831	.82	0.00	0.00
	3.87	.790	.57	1.85	.990	0.00	.306	.263	0.00	0.00
Measles	408	407	623	2,094	2,185	1,256	128	261	2,345	135
	361	355	542	1,816	1,850	1,051	106	215	1,920	121
	.876	1.76	1.74	2.60	0.00	1.67	0.00	.82	0.00	0.00
	.002	.049	.032	.143	0.00	.159	0.00	.383	0.00	0.00
Typhoid Fever	6	4	6	12	1	3	4	3	3	6
	5.25	3.49	5.22	10.40	.890	2.51	3.32	2.47	2.45	5.40
	0.00	1.76	2.61	.865	0.00	0.00	.83	.82	0.00	0.00
	0.00	.50	22.22	8.83	0.00	0.00	.25	33.33	0.00	0.00

TABLE C
(per 100,000)

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Cancer.....	120.9 138.4	135.36 153.0	130.5 148.70	149.2 116.5	135 156	154.9 183	145.4 162.9	139 153	130 137	164 181
Diarrheal Diseases.....	1.75 4.38	.000 .009	1.74 .87	.867 .867	13.50 13.50	1.67 0.00	2.49 2.49	4.12 2.48	1.63 .819	1.80 1.80
Whooping Cough.....	3.50 3.50	5.23 4.36	1.74 .87	3.47 3.47	5.90 1.87	0.00 0.00	3.32 1.66	1.65 .82	2.45 .819	.901 0.00
Heart Diseases.....	227.8	238	198.4	224.6	229.5	228.1	245.2	226.9	245.7	283.5
Pneumonia.....	114.7 116.5	126 130	131.43 140.12	136.1 134.4	145.4 140.0	156.5 152.4	133.01 132.18	116.9 130.3	122.0 121.3	110.8 115.3
Pulmonary Tuberculosis.....	67.47 60.46	62.00 59.38	52.22 45.26	46.84 43.37	50.62 47.24	57.58 43.54	40.73 32.42	43.73 37.13	42.60 35.22	39.68 33.36

In this table, the upper number is that derived from the number of deaths of Cambridge residents who died within or without the city. Non-residents dying in Cambridge are excluded.
The lower number is derived from the actual number of deaths in the city and includes non-residents, but excludes Cambridge residents who died outside of Cambridge.

TABLE D — Continued

	Diphtheria	Scarlet Fever	Measles	Chicken Pox	Whooping Cough	German Measles	Mumps	Typhoid Fever	Pulmonary Tuberculosis	Hilum Tuberculosis	Other Forms of Tuberculosis	Lobar Pneumonia	Cerebrospinal Meningitis	Ophthalmia Neonatorum	Suppurative Conjunctivitis	Septic Sore Throat	Bites of Animals	Malaria	Bacillary Dysentery	Premature Babies	Trichinosis	Paratyphoid Fever	Totals
July	0	1	4	8	2	0	5	2	2	0	0	2	0	1	0	0	12	0	0	0	0	0	40
13.	0	1	4	8	2	0	1	0	0	0	0	1	0	0	0	0	20	0	0	0	0	0	47
20.	0	1	4	9	2	0	1	0	0	0	0	1	0	0	0	0	11	0	0	0	0	0	33
27.	0	1	4	1	2	0	4	0	0	0	0	2	0	0	0	0	18	0	0	0	0	1	41
August	0	1	0	2	5	0	1	0	0	0	0	0	0	0	0	0	18	0	0	0	0	0	35
3.	0	1	0	1	4	0	3	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	30
10.	0	0	5	1	5	0	1	0	0	0	0	1	0	0	0	0	13	0	0	0	0	0	29
17.	0	0	1	1	4	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	14
24.	0	0	0	0	6	0	0	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	21
31.	0	1	1	0	2	0	0	0	2	0	0	0	0	0	0	0	15	0	0	0	0	0	28
September	0	0	3	2	1	0	0	0	2	0	0	1	0	0	0	0	13	0	0	0	0	0	34
7.	0	0	2	1	6	0	1	0	1	0	0	0	1	0	0	0	7	0	0	0	0	0	27
14.	0	0	5	1	13	0	0	0	1	0	0	0	0	0	0	0	6	0	0	0	0	0	26
21.	0	0	2	1	5	0	2	0	1	0	0	2	0	0	0	0	3	0	0	1	0	0	33
28.	0	0	1	6	13	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	32
October	0	0	5	6	13	0	2	0	1	0	0	1	0	0	0	0	13	0	0	0	0	0	33
5.	0	0	1	6	5	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	26
12.	0	1	2	6	8	0	2	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	33
19.	2	1	0	18	5	2	0	0	5	0	1	1	0	0	0	0	17	0	0	0	0	0	52
26.	0	5	1	3	12	1	4	0	0	0	0	3	0	0	0	1	8	0	0	4	0	0	33
November	0	1	2	21	8	0	2	0	4	0	0	2	0	0	0	1	6	0	0	5	0	0	55
2.	0	0	1	26	5	0	0	0	1	0	0	5	0	0	0	1	9	0	1	3	0	0	54
9.	0	0	2	36	8	0	4	0	5	0	0	3	0	0	0	1	8	0	1	1	0	0	69
16.	0	1	1	35	16	0	4	0	0	0	0	5	0	0	0	1	7	0	0	0	0	0	66
23.	0	2	1	31	16	0	2	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	63
30.	0	5	2	48	10	0	2	1	1	0	0	0	0	0	0	0	6	0	0	0	0	0	84
December	0	4	2	30	12	0	7	0	0	0	1	5	0	0	0	0	8	0	0	0	0	0	59
7.	0	3	1	35	8	0	3	0	0	0	0	2	0	0	0	0	5	0	0	0	0	0	68
14.	0	2	3	18	4	0	4	0	5	0	1	9	0	0	0	0	2	0	0	0	0	0	52
21.	0	4	1	35	8	0	2	0	1	0	0	4	0	0	0	0	5	0	0	0	0	0	68
28.	0	4	1	18	4	0	9	0	0	0	0	5	0	0	0	0	2	0	0	0	0	0	52
31.	0	0	0	7	1	1	2	0	1	0	0	4	0	0	0	0	2	0	0	0	0	0	18
Totals.....	4	150	135	1,026	233	12	547	4	107	1	10	172	2	17	6	23	546	5	29	0	1	2	3,032

TABLE E

Ward	1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
DIPHTHERIA	1	0	0	0	0	0	0	0	0	2	0	0	2
	2	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0
	5	2	0	0	0	0	0	0	0	0	0	0	2
	6	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	0	0	0	0	0	0	2	0	0	4
SCARLET FEVER	1	2	3	0	1	1	0	0	2	0	1	1	12
	2	2	0	3	5	4	0	2	1	5	0	2	25
	3	1	1	2	0	3	0	0	0	0	0	0	7
	4	1	0	1	0	2	0	0	0	1	2	1	8
	5	1	1	2	1	2	5	0	0	0	2	2	16
	6	5	2	0	1	2	0	0	0	1	1	3	15
	7	2	3	1	1	3	0	0	1	0	0	0	11
	8	1	1	0	1	2	0	1	0	0	3	1	10
	9	4	1	2	6	1	1	0	0	0	0	0	15
	10	4	2	2	2	3	3	2	1	0	1	2	22
	11	2	0	1	2	1	0	1	0	1	0	1	9
Total	25	14	14	20	24	10	5	4	3	9	9	13	150
MEASLES	1	0	3	0	0	1	1	2	1	0	0	0	8
	2	6	2	0	2	5	1	0	0	1	0	0	17
	3	7	0	0	0	1	1	0	0	0	0	1	10
	4	0	0	0	0	1	2	0	0	1	0	1	5
	5	0	2	1	0	0	0	0	0	0	1	1	5
	6	0	0	1	2	1	1	0	0	2	0	0	8
	7	0	0	0	1	0	0	0	1	0	0	1	3
	8	0	0	0	0	1	0	0	0	0	0	0	1
	9	2	0	0	1	1	1	0	0	0	1	1	7
	10	2	0	1	0	13	22	9	0	0	1	2	50
	11	0	0	0	0	0	6	2	2	10	1	0	21
Total	17	7	3	6	24	35	14	4	10	4	4	7	135
CHICKEN POX	1	30	7	6	7	4	4	2	0	1	4	7	73
	2	44	84	34	3	0	3	8	2	0	16	15	210
	3	20	32	16	1	0	0	1	0	0	5	4	83
	4	6	10	3	1	3	1	2	1	0	3	6	37
	5	54	20	9	3	2	2	0	0	1	7	31	169
	6	9	11	8	6	4	3	0	1	0	8	10	66
	7	7	1	15	26	10	2	1	0	0	3	0	65
	8	7	3	8	5	5	5	0	0	1	3	11	54
	9	10	3	2	4	0	13	3	0	1	2	4	43
	10	19	3	11	4	9	4	2	0	0	11	13	86
	11	3	6	9	8	8	12	7	0	0	40	33	140
Total	209	180	121	68	45	49	26	4	4	48	134	138	1,026

TABLE E — *Continued*

Ward	1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
WHOOPIING COUGH													
1	0	1	0	0	3	4	3	1	9	6	6	11	44
2	0	0	4	1	4	2	2	3	7	7	15	19	64
3	0	0	0	1	0	5	5	2	0	7	16	4	40
4	0	0	3	0	4	0	0	1	0	0	0	0	8
5	0	0	0	4	4	0	0	2	7	4	7	0	28
6	0	1	0	1	0	1	5	9	5	0	1	1	24
7	0	0	0	0	0	0	0	1	2	0	0	0	3
8	1	0	0	0	0	1	0	0	1	0	0	0	3
9	1	0	0	0	1	1	0	0	0	0	3	0	6
10	0	0	0	0	1	0	0	1	3	2	1	0	8
11	0	0	0	0	0	0	3	0	0	2	0	0	5
Total	2	2	7	7	17	14	18	20	34	28	49	35	233
GERMAN MEASLES													
1	0	0	0	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	3	1	0	1	5
3	0	1	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	1	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	1	0	0	1
8	0	1	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	0	2	1	1	0	0	0	0	3	4	0	1	12
MUMPS													
1	1	0	0	4	6	3	1	0	0	0	0	1	16
2	5	13	14	26	21	10	2	1	0	0	0	3	95
3	0	3	6	10	7	13	3	0	0	4	3	2	53
4	2	3	3	6	7	6	4	2	2	1	3	2	41
5	2	3	2	12	29	21	7	0	0	0	0	2	80
6	3	3	12	7	13	14	0	0	0	0	3	6	65
7	1	3	10	13	18	3	0	0	0	0	1	0	51
8	0	6	5	3	3	2	1	1	0	0	1	5	27
9	0	25	30	11	16	5	0	0	1	2	1	3	94
10	1	0	3	6	7	2	0	0	1	0	1	1	21
11	0	0	0	1	2	0	0	0	1	0	0	0	4
Total	17	67	85	99	129	79	18	4	5	7	12	25	547
TYPHOID FEVER													
1	0	0	0	0	0	0	0	0	0	0	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	1
10	0	0	0	0	0	0	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	2	0	0	0	1	0	4

TABLE E — *Continued*

Ward	1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
PULMONARY TUBERCULOSIS													
1	2	0	3	1	0	1	3	2	3	0	0	2	17
2	1	0	3	1	2	1	2	1	1	1	0	1	14
3	1	1	0	1	0	1	1	1	1	0	0	0	7
4	0	2	1	1	2	2	1	1	0	2	1	0	13
5	0	0	2	1	0	1	1	1	0	1	0	1	8
6	1	1	0	2	2	0	0	2	0	3	4	0	15
7	0	2	0	1	1	3	0	0	0	0	0	2	9
8	0	0	0	0	0	0	0	0	1	1	1	0	3
9	0	1	0	0	0	1	2	0	0	0	0	0	4
10	0	0	1	0	1	2	1	0	0	1	0	0	6
11	5	0	1	0	3	0	0	1	0	0	1	0	11
Total	10	7	11	8	11	12	11	9	6	9	7	6	107
HILUM TUBERCULOSIS													
1	0	0	1	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	0	0	0	0	0	0	1
OTHER FORMS OF TUBERCULOSIS													
1	0	1	0	0	0	0	0	0	0	1	0	1	3
2	0	0	0	1	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	0	0	1	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	1	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	1	1
Total	0	3	0	2	1	0	0	1	0	1	0	2	10
LOBAR PNEUMONIA													
1	3	1	5	2	3	2	1	3	0	3	1	8	32
2	1	4	5	8	8	1	1	0	1	3	2	3	37
3	1	1	1	1	2	0	2	0	0	0	0	4	12
4	1	5	2	2	0	1	0	0	0	0	0	2	13
5	2	3	0	3	2	3	1	0	1	0	2	0	17
6	4	2	3	3	0	0	0	0	0	0	0	0	12
7	2	1	1	1	0	0	0	0	0	0	0	0	5
8	2	1	0	3	1	0	1	0	0	1	1	2	12
9	0	1	1	1	0	1	0	0	0	0	0	3	7
10	2	0	3	3	4	0	0	1	0	0	0	3	16
11	0	1	0	3	1	0	0	0	0	0	4	0	9
Total	18	20	21	30	21	8	6	4	2	7	10	25	172

TABLE E — *Continued*

Ward	1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
CEREBRO- SPINAL MENINGITIS													
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	1	0	0	0	2
OPHTHALMIA NEONATORUM													
1	0	0	0	0	0	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	2	0	0	0	1	0	3
3	0	0	0	0	0	1	0	0	0	1	0	0	2
4	0	0	0	0	0	1	0	0	0	0	0	0	1
5	0	0	0	0	0	1	0	0	0	0	1	1	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	0	0	0	0	2	0	0	0	1	0	0	4
10	0	0	0	1	0	0	1	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	5	3	0	2	2	2	1	17
SUPPURATIVE CONJUNCTIVITIS													
1	1	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	1	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	0	0	0	0	0	0	1
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	1	0	2	0	0	1	0	0	0	6
SEPTIC SORE THROAT													
1	0	1	0	0	0	1	1	0	0	0	0	0	3
2	1	1	0	0	0	0	0	0	1	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	2	1	0	0	1	1	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	0	0	1	0	0	0	0	0	0	0	0	1
9	0	0	1	0	0	0	1	0	0	2	1	0	5
10	0	0	0	3	0	0	0	0	0	0	0	0	3
11	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	4	3	4	0	2	3	0	1	2	2	0	23

TABLE E — Continued

Ward		1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BITES OF ANIMALS	1	4	3	5	7	4	9	14	6	2	5	5	6	70
	2	5	3	5	11	11	6	13	6	10	9	9	3	91
	3	3	7	6	3	8	11	15	5	5	7	1	2	73
	4	3	5	4	3	1	5	5	9	3	8	1	3	50
	5	2	4	3	2	10	8	4	4	3	4	4	6	54
	6	6	3	7	11	7	7	11	6	8	5	3	1	75
	7	0	1	1	1	3	3	1	1	2	1	3	2	19
	8	1	2	4	3	2	1	1	1	1	3	1	0	20
	9	0	2	0	1	2	1	2	2	0	0	3	1	14
	10	3	5	2	5	3	4	2	8	2	0	1	2	37
	11	0	1	5	4	7	6	2	5	7	1	4	1	43
Total		27	36	42	51	58	61	70	53	43	43	35	27	546
PARATYPHOID FEVER	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	1	0	0	0	0	1
	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	1	0	0	0	0	0	1
	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	1	1	0	0	0	0	2
BACILLARY DYSENTERY	1	2	0	0	0	0	0	0	0	0	1	5	0	8
	2	4	0	0	0	0	0	0	0	0	2	2	0	8
	3	3	0	0	0	0	0	0	0	0	1	0	0	4
	4	1	0	0	0	0	0	0	0	0	2	0	0	3
	5	1	0	0	0	0	0	0	0	0	0	0	0	1
	6	0	0	0	0	0	0	0	0	0	1	0	0	1
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	2	0	0	0	0	0	0	0	0	0	0	0	2
	11	0	2	0	0	0	0	0	0	0	0	0	0	2
Total		13	2	0	0	0	0	0	0	0	7	7	0	29
MALARIA	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	1	0	0	0	0	0	0	1	0	2
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	1	0	3
	9	0	0	0	2	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	3	0	0	0	0	0	0	2	0	5

TABLE E— *Continued*

Ward		1940 Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TRICHINOSIS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0	0	0	0	0	0	0	1	0	0	1
	7	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	1	0	0	1

TABLE G
DISEASES BY WARDS FOR YEAR, ALSO DENSITY OF POPULATION

1940	1	2	3	4	5	6	7	8	9	10	11	Total
Ward.....												
Population.....	15,185	12,585	9,298	10,151	10,941	10,970	8,211	8,065	7,960	8,584	8,926	110,879
Area (acres)	421.3	405.9	122.4	158.1	320.4	205.3	300.9	267.5	904.7	554.2	519.6	4,180.6
Density (per acre).....	36	31	76	64	34	53	27	30	9	16	17	26.5
Diphtheria.....	2	0	0	0	2	0	0	0	0	0	0	4
Scarlet fever.....	12	25	7	8	16	15	11	10	15	22	9	150
Measles.....	7	17	10	5	5	8	3	1	7	50	21	135
Chicken pox.....	73	210	83	37	169	66	65	54	43	86	140	1,026
Whooping cough.....	44	64	40	8	28	24	3	3	6	8	5	233
German measles.....	1	5	1	1	0	1	1	1	0	0	1	12
Mumps.....	16	95	53	41	80	65	51	27	94	21	4	547
Typhoid fever.....	1	0	1	0	0	0	0	0	1	1	0	4
Pulmonary tuberculosis.....	17	14	7	13	8	15	9	3	4	6	11	107
Hilum tuberculosis.....	1	0	0	0	0	0	0	0	0	0	0	1
Other forms of tuberculosis..	3	1	0	1	0	2	1	0	0	1	1	10
Lobar pneumonia.....	32	37	12	13	17	12	5	12	7	16	9	172
Cerebrospinal meningitis....	0	1	0	0	0	0	0	0	1	0	0	2
Ophthalmia neonatorum	1	3	2	1	3	0	1	0	4	2	0	17
Suppurative conjunctivitis ..	1	1	1	0	0	1	1	0	0	1	0	6
Septic sore throat.....	3	3	1	0	5	0	1	1	5	3	1	23
Bites of animals.....	70	91	73	50	54	75	19	20	14	37	43	546
Paratyphoid fever.....	0	1	0	0	0	0	0	0	0	1	0	2
Bacillary dysentery.....	8	8	4	3	1	1	0	0	0	2	2	29
Malaria.....	0	0	0	0	0	2	0	3	0	0	0	5
Trichinosis.....	0	0	0	0	0	1	0	0	0	0	0	1
Totals.....	292	576	295	181	388	288	171	135	201	257	247	3,031

TABLE H
DEATHS BY MONTH AND WARD
 (Exclusive of Stillbirths)

Ward	1	2	3	4	5	6	7	8	9	10	11	Non-Res-ident	Total
January	14	17	16	12	8	9	10	10	10	8	5	26	145
February	17	23	11	9	11	6	9	5	12	8	12	28	151
March	10	13	10	12	19	13	13	6	8	11	17	31	163
April	13	8	9	6	12	6	9	8	8	6	15	28	128
May	6	6	13	9	8	2	7	6	8	8	6	27	106
June	4	9	5	8	8	4	7	5	3	4	3	23	83
July	23	9	8	10	6	6	6	6	5	7	6	37	129
August	10	12	7	7	7	55	6	1	4	4	8	25	96
September	14	13	6	8	6	6	9	2	3	4	7	20	98
October	6	14	5	7	8	8	9	4	9	12	8	29	119
November	9	10	5	6	8	14	9	9	9	4	6	28	117
December	12	15	12	10	11	8	14	6	7	4	14	35	148
Total	138	149	107	104	112	87	108	68	86	80	107	337	1,483

DISEASES DANGEROUS TO THE PUBLIC HEALTH

DIPHTHERIA

In 1940 there was a marked drop in the number of cases reported. In 1939 19 cases were reported and in 1940 only four cases, with no deaths.

TYPHOID FEVER

Six (6) cases of typhoid were reported during the year. There were no deaths. Two (2) of these cases were traced to definite carriers in this city.

SCARLET FEVER

The number of cases of scarlet fever remained about the same as the previous year, with 150 for 1940 and 151 for 1939. There were no deaths from scarlet fever in 1940.

MEASLES

The incidence of measles still remained low, with only 135 cases reported for the year and no deaths.

PULMONARY TUBERCULOSIS

There were 37 deaths in Cambridge from this disease. Two (2) of these were non-residents. Nine (9) Cambridge residents died outside the city.

S. B. KELLEHER, M.D.,
Health Officer.

COMMUNICABLE DISEASE (CONTROL) NURSES

Cases in isolation, January 1, 1940	9	
New cases for isolation	136	
Cases released from isolation	187	
Cases to hospital	94	
Original visits (including investigations)	3,796	
First calls	3,150	
Subsequent calls	646	
Isolation calls	48	
Investigation calls	239	
Release calls	441	
Number of new cases	3,164	
Unreported cases found	622	
Scarlet fever	150	
Diphtheria	4	
Diphtheria carriers	2	
Chicken pox	1,168	
Mumps	595	
Measles	142	
German measles	13	
Whooping cough	236	
Lobar pneumonia	200	
Septic sore throat	15	
Suppurative conjunctivitis	1	
Typhoid fever	4	
Paratyphoid	2	
Cerebrospinal meningitis	1	
Amebic dysentery	16	
Sonne dysentery	25	
Malaria	3	
Trachoma	2	
Animal bites	585	
Lapsed syphilis cases — first call	23	
Subsequent calls	42	
Lapsed gonorrhea cases — first call	26	
Subsequent calls	27	
Cases in isolation January 1, 1941	4	

SCHICK CLINICS

(Diphtheria Immunizations)

The following is a report of the work done in the Schick Testing and Diphtheria Immunization Clinics for the year ending December 31, 1940:

Total number of persons at clinics.....	11,868
Total number of persons Schicked.....	2,201
Total number of persons read.....	2,109
Total number of persons finished.....	2,412
Six months to five years of age.....	1,351
Six years of age and over.....	1,061
Total number of persons read first time.....	152
Positive.....	112
Negative.....	39
Pseudo.....	1
Total number of persons read — re-Schicked.....	1,957
Positive.....	125
Negative.....	1,709
Pseudo.....	123
Total number of doses of Toxoid given.....	7,558
Total number of clinics held.....	335

SCHICK CLINICS (Yearly Report)

January 1 to December 31, 1940

Clinic	Finished		Toxoid	Schicked	Read	Readings			Number of Clinics	Number at Clinics
	Pre-school	School				Positive	Negative	Pseudo		
City Hall.....	130	34	378	86	97	17	79	1	47	561
Newtowne Court.....	1	...	1	2	..	..	..	..	1	3
Peabody.....	8	7	23	2	4	..	4	..	5	29
Blessed Sacrament.....	39	49	251	29	28	10	18	..	4	308
Wyman.....	...	2	6	..	..	..	..	..	3	6
St. Mary's.....	45	27	205	35	35	4	29	2	9	285
Willard.....	39	70	221	2	1	..	..	1	11	224
Russell.....	17	13	113	5	5	..	5	..	6	123
Gannett.....	34	28	142	51	54	5	47	2	6	247
Lincoln.....	14	16	90	4	4	..	4	..	6	98
St. Peter's.....	53	30	262	3	1	..	1	..	5	2,266
Morse.....	178	53	760	106	44	9	25	10	40	910
Putnam.....	83	47	378	183	193	18	163	12	18	754
Longfellow.....	26	62	346	172	171	12	148	11	6	689
St. Paul's.....	10	60	216	9	..	..	..	..	6	225
St. Francis.....	29	29	184	235	232	31	191	10	7	651
Immaculate Conception...	7	3	34	20	20	1	19	..	4	74
Sacred Heart.....	11	75	266	211	169	17	138	14	6	646
St. Hedwiz's.....	15	36	158	115	115	22	86	7	5	408
Fletcher.....	9	24	121	65	65	8	55	2	3	251
Roberts.....	25	42	239	178	175	12	152	11	5	592
Agassiz.....	34	21	185	24	22	5	16	1	10	231
Webster.....	...	...	...	..	59	9	47	3	2	59
Thorndike.....	41	31	280	179	178	22	139	17	5	637
Kelley.....	159	50	586	111	111	10	94	7	16	808
Lowell.....	...	2	13	4	4	..	4	..	3	21
Neighborhood House.....	12	1	71	..	..	..	..	..	4	71
Wellington.....	30	66	319	190	192	13	172	16	9	701
St. John's.....	40	91	469	115	69	7	58	4	11	653
Our Lady de Pitie.....	12	22	111	38	38	4	34	..	5	187
Sleeper.....	149	26	445	1	..	..	..	..	13	446
Houghton.....	71	42	138	3	..	..	..	..	11	141
Ellis.....	...	...	...	..	1	..	1	..	1	1
Haggerty.....	30	4	99	15	13	..	13	..	9	127

IMMUNIZATIONS BY AGE (PRE-SCHOOL AND SCHOOL) AND WARD

1940

Age Wards	Under 1	1	2	3	4	5	Pre- School	6	7	8	9	10	School	Total
1.....	65	31	24	35	65	101	321	96	54	48	34	72	304	625
2.....	26	9	12	18	21	51	137	22	21	18	20	17	98	235
3.....	22	22	4	15	26	33	122	31	15	14	7	19	86	208
4.....	11	8	5	8	14	35	81	24	18	12	9	10	73	154
5.....	39	23	24	16	29	46	177	43	28	29	23	34	157	334
6.....	22	12	4	13	17	31	99	25	16	12	15	25	93	192
7.....	9	6	6	3	7	15	46	12	11	3	5	5	36	82
8.....	2	2	..	1	2	6	13	2	2	1	1	2	8	21
9.....	11	10	6	12	10	38	87	16	5	2	1	4	28	115
10.....	14	21	15	6	14	60	130	24	15	8	5	11	63	193
11.....	31	21	14	13	20	39	138	52	22	10	10	21	115	253
	252	165	114	140	225	455	1,351	347	207	157	130	220	1,061	2,412

INFANT WELFARE NURSE

The work of this division has been carried on as in former years (with the addition of Diphtheria Prevention Clinics being held within the Infant Welfare Clinics during the summer) at the following places:

Haggerty School, Cushing Street	Mondays,	2.30 p.m.-4.00 p.m.
Morse School, Brookline and Allston Streets.	Mondays,	2.30 p.m.-4.00 p.m.
Putnam School, Fourth and Otis Streets	Tuesdays,	2.30 p.m.-4.00 p.m.
Sleeper School, Dudley Street	Wednesdays,	2.00 p.m.-4.00 p.m.
Neighborhood House, Moore and Harvard Streets	Wednesdays,	2.00 p.m.-4.00 p.m.
Kelley School, Willow Street	Thursdays,	2.00 p.m.-4.00 p.m.
Houghton School, Putnam Avenue and Magee Street	Fridays,	2.30 p.m.-4.00 p.m.
Agassiz School, Sacramento and Oxford Streets. . .	Fridays,	2.30 p.m.-4.00 p.m.

This division is grateful to the following doctors for their gratuitous services at these clinics weekly: Dr. Samuel Chalfen, Dr. Samuel Clement, Dr. Myer Marlin, Dr. Maurice Duchin, Dr. Harold Rudy, Dr. Albert Poirier, Dr. Jacob L. Rudd, Dr. Alexander Mahlowitz, Dr. Jacob Factor, Dr. Philip Shea, and to the various social agencies and private individuals for their coöperation and aid in this work.

INFANT MORTALITY UNDER ONE YEAR

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Number of births..	2,476	2,459	2,273	2,261	2,253	2,187	2,168	2,223	2,160	2,508
Number of deaths..	129	141	105	103	125	101	116	84	76	84
Rate	52	56	46.2	45.6	55	46.1	53	37.8	35	34
	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Deaths										
Within 24 hours .	45	56	26	22	36	27	43	34	26	27
24 hours to week .	28	22	26	19	20	18	14	22	16	22
1 week to 1 mo. . .	11	14	15	15	26	14	17	5	5	1
1 mo. to 1 year . .	45	49	38	47	43	42	42	23	29	33
Stillbirths	80	71	84	64	57	61	58	48	77	67

ANNUAL REPORT OF INFANT WELFARE — 1940

	Jan.*	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Home visits.....	664	369	309	372	520	509	538	477	417	487	461	470	5,593
New cases.....	75	90	78	70	68	98	80	85	67	97	73	81	962
Breast fed.....	16	28	46	29	12	20	26	25	19	36	24	28	309
Bottle fed.....	42	50	23	32	38	64	34	39	29	39	36	37	463
Breast and bottle fed.....	17	12	9	9	18	14	20	21	19	22	13	116	190
Closed cases.....	102	73	49	22	83	44	109	78	78	124	79	92	933
Babies over one year.....	82	58	35	14	64	35	93	61	66	107	68	76	759
Moved.....	18	15	10	7	15	7	15	16	11	14	11	15	154
Died.....	2	0	4	1	4	2	1	1	1	3	0	1	20
Ophthalmia.....	0	1	0	0	0	0	4	1	1	1	0	0	8
Conjunctivitis.....	0	0	0	0	0	0	0	0	0	0	0	0	0

Number on visiting list January 1, 1940.....	2,025
Number on visiting list January 1, 1941.....	2,054

CLINICS

	Kelley	Putnam	Sleeper	Haggerty	Houghton	Morse	Agassiz	Neighborhood House
Number of clinics.....	46	50	51	50	51	52	51	50
Total attendance.....	3,421	1,326	2,806	316	1,148	1,236	316	1,104
Total new cases.....	304	129	186	30	123	131	53	121
Registered.....	645	286	308	78	125	208	84	249
Closed cases.....	37	60	188	37	122	150	67	165
Trans. to pre-school group ..	326	192	*	*	*	*	*	*
See attached report of Pre-School Clinic at Sleeper School.								

Total number of baby clinics.....	401
Total attendance (visits).....	11,673
Total registered.....	1,983
Total new cases.....	1,077
Total closed cases.....	826

* No record.

CHILD WELFARE WORK — PRE-SCHOOL CLINIC

Station: Sleeper School	Year Ending	December 31, 1940
Registration, January 1, 1940.....	506	
New cases.....	154	
Total registration.....		660
Discharged cases.....	110	
Registration for year ending December 31, 1940.....		550
Number of conferences.....	51	
Attendance at conference.....	1,174	
Home visits on new cases.....	75	
Home visits on old cases.....	415	
Total visits.....		490
Transferred from baby file.....	20	
Cases referred to hospitals, clinics, etc.:		
To family physician.....	52	
To Cambridge City Hospital.....	60	
To Cambridge Hospital (Mt. Auburn Street)....	31	
To Children's Hospital, Boston.....	6	
To other hospitals and clinics.....	58	
		207

Conducted by Cambridge Visiting Nursing Association.

SCHOOL MEDICAL INSPECTION

In the annual thorough physical examination at the opening of the fall session there were 21,304 physical examinations of the public and parochial school children. Of this number, 8,061 showed 9,854 defects.

Adequate facilities for the correction of tonsils and adenoids especially are still lacking. Of the 4,695 cases of tonsils and adenoids found and recommended removed, only 798 were corrected, while of the 10,825 cases of defective teeth but 5,172 were found corrected upon subsequent examination.

A more detailed report of the defects found, and corrections, will be found as a part of this report.

Tonsils.....	4,695	Pituitary glands.....	9
Cardiac.....	686	Scoliosis.....	4
Orthopedic.....	1,300	Old paralysis.....	14
Posture.....	354	Alopecia.....	2
Cervical glands.....	367	Psoriasis.....	3
Lungs (rales).....	17	Wry neck.....	2
Strabismus.....	79	Tumor eye.....	1
Asthma.....	13	Artificial leg.....	2
Cleft palate.....	5	Pronated feet.....	124
Hair lip.....	2	Herpes.....	6
Conjunctivitis.....	2	Malnutrition.....	212
Acne.....	211	Bronchitis.....	48
Pediculosis.....	197	Colds.....	9

Teeth	1,145	Cyst	1
Pigeon breasted	8	Sty	5
Fractures	2	Defective hearing	4
Abrasion	3	Urticaria	1
Questionable	12	Congenital hip	1
Chorea	2	Tonsillitis	11
Nasal discharge	1	Otitis media	4
Dermatitis	9	Ptosis lid	4
Eczema	42	Hunchback	1
Defective vision	35	Nystagmus	1
Anemia	12	Defective speech	1
Orthodontia	1	Hygiene	1
Ringworm	1	Artificial eye	1
Epileptic	2	Thyroid	7
Obesity	9	Mastoid	1
Hernia	4	Nerves	1
Mastitis	1	Desquamating	2
Diabetic	2	Warts	2
Furuncle	2	Flat feet	116
Scabies	5	Gland disturbance	11
Blepharitis	5	Impetigo	20

SCHOOL NURSES

DEFECTS FOUND

Tonsils	4,566
Teeth	10,825
Ears	310
Vision	1,297
Pediculosis	843
Number of parents notified of defects*	7,644

CORRECTED CASES

Tonsils	798
Teeth	5,172
Vision	1,297
Pediculosis	437

WORK CERTIFICATE CLINIC

Number examined			32
Old cases	31	Boys	26
New cases	1	Girls	6
Defective children			9
Defects found			
Teeth			5
Tonsils			2
Vision			1
Pediculosis			1
			9

* Teachers send home notice on defective vision and hearing.

TEACHER STATEMENTS

Number examined	Number Defective Children	Number Defects	Number O. K.
2,426	1,779	1,841	647
Colds	46	Headache	1
Otitis media	22	La grippe	3
Tonsils	46	Blister	32
Pediculosis	7	Furuncle	14
Cardiac	14	Hematoma	4
Impetigo	172	Nasal catarrh	2
Scabies	17	Alopecia	2
Ringworms	22	Ingrown nail	1
Malnutrition	11	Goitre	2
Orthopedic	18	Acne	8
Chicken pox	17	Gingivitis	2
Pertussis	2	Nasal obstruction	1
Mumps	24	Serum reaction	1
Glands	55	Erythema	2
Conjunctivitis	41	Ecclymosis eye	1
Injuries	394	Earache	3
Eczema	55	Psoriasis	4
Tonsillitis	42	Vaccination	2
Infections	177	Thyroid	1
Urticaria	13	Asthma	2
Sties	16	Epilepsy	3
Constipation	3	Ulcer eye	1
Gastritis	21	Arthritis	2
Appendix	10	Ulcerated tooth	2
Burns	33	Torticollis	3
Dermatitis	39	Vincent's angina	1
Herpes	50	Neuritis	2
Sinus	3	Cyst	2
Wen	3	Parynchia	3
Warts	3	Bronchitis	9
Pharyngitis	28	Frost bites	1
Laryngitis	9	Trench mouth	3
Poison ivy	3	Nervousness	3
Dog bites	7	Pleuritis	2
Insect bites	8	Sprains	16
Myositis	14	Desquamating	2
General malaise	9	Strabismus	1
Eye strain	9	Favus	1
Foreign body in eye	9	Nystagmus	1
Indigestion	7	Anemia	4
Thrush	1	Carries (teeth)	1
Abrasions	54	Ulcer (Corneal)	2
Deferred cases	44	Measles	1
Referred to family M.D.	7	Questionable	102

EXCLUSIONS FOR 1940

PHYSICIAN	Number of Cards	Number of Exclusions	Impetigo	Scabies	Ringworm	Mumps	Chicken Pox	Whooping Cough	Otitis Media	Pediculosis	Tonsillitis	Desquamating	Epilepsy	Questionable	Vincent's Angina	Colds	Nasal Discharge	Upper Respiratory	Dog Bites	Conjunctivitis
Dr. Barnes.....	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dr. Chalfen.....	18	23	9	7	2	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0
Dr. Downey.....	19	22	8	6	0	1	4	1	0	0	0	0	0	2	0	0	0	0	0	0
Dr. Dressler.....	46	84	59	7	7	8	0	1	0	2	0	0	0	0	0	0	0	0	0	0
Dr. Fair.....	11	17	9	2	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	4
Dr. Green.....	9	18	3	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
Dr. Hutchinson.....	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dr. Marlin.....	36	45	36	5	0	1	2	0	1	0	0	0	0	0	0	0	0	1	0	0
Dr. Nelligan.....	5	9	2	0	0	0	2	0	0	0	0	0	0	0	0	2	2	0	0	0
Dr. Wadden.....	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dr. White.....	18	20	9	1	3	4	0	0	0	0	2	0	0	0	0	0	0	0	1	0
Total.....	166	241	139	28	12	16	24	2	1	3	2	1	1	4	1	2	2	1	1	4

SCHOOL NURSES' REPORT

Number of visits at schools (public and parochial).....	5,264
Number of inspections.....	112,161
Number of sanitary inspections.....	26
Number of visits to classrooms.....	900
Total number of exclusions.....	649
Pediculosis.....	44
Skins.....	32
Symptoms of communicable diseases.....	94
Colds.....	84
Miscellaneous.....	97
Chicken pox.....	127
Number referred to school physician.....	846
Number referred to family physician.....	1,360
Number referred to clinics.....	1,561
Number referred to Board of Health.....	322
Time spent (hours).....	7,870 $\frac{1}{2}$
Office work — clerical work — time spent (hours).....	1,674 $\frac{3}{4}$
Number of consultations.....	128,809
Number of school visits.....	517
Number of teachers.....	24,955
Number of parents.....	6,432
Number of pupils.....	62,256
Number of superintendents.....	6
Number of others.....	34,643
Time spent (hours).....	1,236 $\frac{3}{4}$
Number of first aid treatments.....	4,608
Time spent (hours).....	3,325 $\frac{1}{2}$
Number of homes visited.....	6,737
Number of children.....	11,590
Time spent (hours).....	3,325 $\frac{1}{2}$
Health education:	
Classroom talks.....	1,123
Meetings attended.....	17
Time spent (hours).....	195
Clinics (including Schick clinics):	
Tonsils and adenoids.....	441
Clinics attended.....	317
Vision.....	625
Time spent (hours).....	749 $\frac{1}{2}$
Clinic nurses assisted at.....	335
(See Schick Clinic for reports)	

Mantoux Test was given at Rindge and Boys Vocational School February 5-6-7, 1940.

School	Enrollment	Tested	Per cent	Positive	Negative	X-rayed*	Exam. Physical	Not Read	Contact
Rindge.....	1,556	1,162	74.7	265	872	348	116	5	20
Central Vocational.....	116	80	68.9	25	53	27	7	2	
Total.....	1,686	1,242	73.7	290	925	375	123	7	20

* Includes those allergic to test; absent at time of test; contacts and the follow-up cases.

TUBERCULOSIS SURVEY DURING SCHOOL (SUMMER) VACATION

During school summer vacation the school nurses made a survey of leftovers of 1,060 reported cases of tuberculosis for the tuberculosis dispensary; 1,939 for the purpose of locating persons, or their whereabouts, contacting their attending physicians, if any, and arranging for a check-up. X-ray to determine present condition of activity. The following is a summary of resulting effects:

Number of persons X-rayed.....	53
Number of persons who did not keep appointments.....	41
Number of persons left city.....	36
Number of persons found dead.....	24
Number of persons unknown.....	60
Number of persons in sanatorium.....	14
Number of persons away for summer.....	8
Number of persons refused.....	53
Number of persons sick, unable to come.....	4
Number of persons who were X-rayed recently.....	2
Total.....	295

DENTAL SURVEY, 1940

SCHOOLS	Number Examined	Appar. Perfect Teeth	Good Teeth	Urgent Cases	Ortho- dontia	Fillings	Cleanings	Extrac- tions	Nutrition Cases
Abraham Lincoln	260	89	67	...	1	54	51	63	..
Ellis	304	1	59	...	...	128	47	98	..
Sleeper	181	39	41	...	...	43	39	64	..
Wyman	57	2	41	1	...	18	16	8	..
St. John's	1,017	23	267	...	...	289	191	253	..
Our Lady of Pity . . .	394	25	168	...	1	84	104	127	..
Total	2,213	179	643	1	2	616	448	613	..
Roberts	847	81	135	1	...	588	457	302	..
St. Mary's	1,001	66	155	1	...	715	546	429	..
Total	1,848	147	290	2	...	1,303	1,003	731	..
Thorndike	525	4	70	...	1	450	515	195	..
Putnam	364	1	29	7	...	327	345	165	..
Sacred Heart	315	4	32	...	...	279	299	113	..
St. Francis	258	1	41	...	...	216	257	76	..
St. Hedwig's	142	...	11	...	...	131	141	40	..
Total	1,604	10	183	7	1	1,403	1,557	589	..
Wellington	580	28	98	2	1	439	537	200	..
Kelley	434	17	69	...	2	338	409	150	..
Fletcher	380	22	70	...	1	286	319	111	..
Gannett	94	6	8	...	...	79	87	31	..
Immaculate Conception	128	5	20	...	1	98	120	36	..
Total	1,616	78	265	2	5	1,240	1,472	528	...
Morse	464	69	59	47	22	294	447	134	1
Webster	590	79	116	67	24	387	565	157	2
Willard	330	6	18	17	6	249	308	130	..
Blessed Sacrament . .	724	111	76	55	28	503	723	272	4
Total	2,108	265	269	186	80	1,433	2,043	693	7
Russell	564	39	213	...	2	312	316	190	..
Haggerty	302	32	80	...	...	192	192	128	..
Lowell	40	4	9	...	...	27	27	21	..
Peabody	475	29	217	...	...	169	176	106	..
St. Peter's	636	38	182	2	1	406	402	301	1
Total	2,017	142	701	2	3	1,106	1,113	746	1
Agassiz	358	46	115	8	3	198	262	47	..
Longfellow	986	81	320	32	9	560	666	246	1
Houghton	679	65	208	11	2	363	559	102	1
St. Paul's	624	40	181	4	...	370	518	99	..
Total	2,647	232	824	55	14	1,491	2,005	494	2
Total Exams.	14,053	1,053	3,175	245	105	8,562	10,641	4,394	10

ANNUAL REPORT OF THE DENTAL CLINICS, 1940

Patients:

Old cases.....	1,972
New cases.....	3,147
Total.....	5,119
Cases discharged.....	1,924
Cases continued.....	3,195

Treatments:

Number of children examined.....	14,053
Number of visits.....	15,535
Number of fillings.....	8,468
Number of extractions.....	7,209
Number of treatments.....	5,760
Number of free cases.....	2,008
Amount of money received.....	\$543.95

REPORT OF THE TUBERCULOSIS SANATORIUM

Submitted herewith is the Annual Report of the Cambridge Sanatorium for the year ending December 31, 1940.

During the past year, further important changes have occurred at the Sanatorium. On February 1, 1940, the Dispensary, formerly located at Cambridge City Hospital, was transferred to new out-patient quarters in the Sanatorium. Contrary to the belief that the new location would be inaccessible to patients and that they would not come for examination, the report shows that the number examined has been as high as in previous years. We have made a special effort to get the contact members of the family of admitted patients in for chest examination and we have met with surprisingly good results.

On March 1, 1940, Dr. Harlan F. Newton, surgeon at the Peter Bent Brigham Hospital and thoracic surgeon at Middlesex County Sanatorium, was appointed surgeon for the Cambridge Sanatorium and arrangements were made with the Middlesex County Sanatorium to have the operations done at that institution. This has proved to be a very satisfactory plan.

An important addition to the Sanatorium is the new library. This fulfills a long desired need and has given real pleasure to the patients. We are greatly indebted to the Clover Club of Cambridge for this generous gift.

We wish to express our thanks to the Cambridge Tuberculosis and Health Association for the microscope and post-mortem instruments which they generously presented to this Sanatorium.

We are also grateful for the interest and coöperation which this Association has manifested toward the Sanatorium. They have taken an active interest in trying to find positions and rehabilitation project for patients who have been discharged. During the past year, through the efforts and at the expense of this organization, arrangements have been made with the Cambridge City Hospital to have an X-ray of the chest on all pregnant women. In various other ways we have received coöperation from the Cambridge Tuberculosis and Health Association which we hope will continue.

ADMISSIONS

Admissions during the past year have shown a steady increase. At times we have been filled beyond capacity which necessitated a short waiting period, but on the whole we have been able to admit patients as soon as their applications were received. It is disheartening to observe the high percentage who enter with far advanced tuberculosis and in many instances in a hopeless condition. We hope that periodic examination of contacts in the out-patient clinic will help to correct this in the future.

DEATHS

Deaths during 1940 have decreased to 22 as compared with 29 in 1939. And this in view of the fact that the daily average was 81 in comparison with 61 in the previous year. As would be expected, all the deaths were in the far advanced cases and most of the deaths occurred within three months from the time of admission.

DISCHARGE

It is gratifying to note that fewer patients were discharged against advice or for infraction of the rules. There were six who were discharged for the first reason, and four for the latter reason. It is noticeable that patients are staying for a longer period of treatment, so that more are being discharged with their disease apparently arrested.

TREATMENT

More patients have been kept on strict bed rest and for longer periods. Afternoon rest period for all patients was increased and mid-morning rest for semi-ambulatory patients was instituted.

Leave of absence was limited to 24 hours and once a month for full ambulatory patients. These changes were accepted without any opposition.

During the past year, artificial pneumothorax has been increasingly used as a form of collapse therapy. There were 49 receiving pneumothorax in December 1940 as compared with 31 in December 1939. Initial pneumothorax was attempted in 42 cases, and in five of these it was unsuccessful. Pneumothorax was discontinued on seven patients because it proved ineffectual. Nine patients were discharged this past year on whom pneumothorax was continued as out-patients. Three cases were referred here by other sanatoria to have their pneumothorax refills continued. The total number of pneumothorax refills given for the whole year was 1,966.

Other forms of operative procedures during the year were as follows:

Thoracoplasty	5	Pneumolysis:	
Phrenic neurectomy:		Internal	2
Temporary	7	Thoracoscopy	3
Permanent	1	Bronchoscopy	1

OCCUPATIONAL THERAPY

Craft Work:

Total number of patients benefiting from this service:		
Women		44
Men		27
Total		71
Average number of patients served per month:		
Women		23
Men		9
Total		32
Total number of projects completed		645
Average number of projects per patient		9

Entertainments:

Total number of recreational programs	23
Educational lectures and movies	5
Record concerts of semi-classical and classical music	7

X-RAY DEPARTMENT

Total patients X-rayed	1,447
Films used	1,656
House patients	537
Clinic patients	755
Employees	155

LABORATORY

Urinalyses:

Phenol-sulphon-phthalein tests	12
Dilution and concentration tests	12
Smears (Petroff's concentration method)	5
Complete analyses	226
Qualitative sugar tests	2,577
Acetone and diacetic acid tests	114

Sputum:

Direct smears	457
Concentration (Greenfield Anderson method)	643
Direct smears (State Laboratory)	105
Concentration (State Laboratory)	13
Cultures (State Laboratory)	18

Blood:

Red blood counts	94
White blood counts	72
Haemoglobins	114
Differentials	49
Sedimentations	108
Blood sugar	1
Hinton and Wasserman tests (State Laboratory)	128
Blood group and cross matching	42

Miscellaneous:

Pleural and abdominal fluids for tubercle bacilli	54
Pleural fluids — cytology	53
Pleural fluids — cultures (State Laboratory)	5
Spinal fluids — cytology	2
Spinal fluids — globulin	1
Spinal fluids	1
Guinea pig inoculations (State Laboratory)	9
Smears for tubercle bacilli	15
Smears for G. C.	3
Smears for other organisms	65
Feces — microscopic	14
Gastric contents (concentration smear)	14
Cultures (State Laboratory)	15
Vital capacities	10

REPORT OF OUT-PATIENT CLINIC

Tuberculosis cases on register January 1, 1941:

Pulmonary tuberculosis	521
Primary tuberculosis	39
Other forms of tuberculosis	60

Total on register	620
-----------------------------	-----

Total clinic visits, including pneumothorax refills (284)	1,232
Men . . . 337 Women . . . 335 Boys . . . 131 Girls . . . 145	

Individuals attending clinic	661
New patients examined	267
Physical examinations	472
X-rays taken	896

Tuberculin tests.....	104
Pulmonary tuberculosis cases found.....	19
Minimal..... 3 Moderately..... 4 Far advanced..... 12	
Primary infection.....	8
Pleurisy with effusion.....	2
Lung abscess.....	2
Bronchiectasis.....	4
Cardiac disease.....	1
Pachypleuritis.....	2
Pulmonary fibrosis.....	4
Home visits by nurse (original).....	117
Home visits by nurse (subsequent).....	1,126

TIME ELAPSING BETWEEN REPORT AND DEATH PULMONARY TUBERCULOSIS

Cases reported after death.....	4
Cases reported within one month of death.....	8
Cases reported within one to three months of death.....	7
Cases reported within three to six months of death.....	6
Cases reported within six to twelve months of death.....	3
Cases reported within one to two years of death.....	3
Cases reported two years or over.....	13

Deaths from pulmonary tuberculosis.....	44
Deaths from tuberculosis, other forms.....	3

DEATHS FROM TUBERCULOSIS, ALL FORMS

Number dying within the City.....	41
Cambridge residents dying elsewhere.....	12
Non-residents dying in Cambridge.....	2
Total deaths of Cambridge residents.....	51

TABLE 1 ADMISSIONS AND DISCHARGES

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Patients in Sanatorium December 31, 1939.....	37	30	67
Patients admitted January 1, 1940 to December 31, 1940	46	37	83
Patients discharged January 1, 1940 to December 31, 1940	43	26	69
Patients remaining in Sanatorium December 31, 1940 ..	40	42	82
Daily average number of patients.....	43.08	37.50	80.58
Deaths (including number discharged)	16	6	22
Hospital days of patients for the year 1940.....			29,593

TABLE 2 CIVIL CONDITION OF PATIENTS ADMITTED

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Single.....	17	15	32
Married.....	24	17	41
Widowed.....	3	3	6
Divorced.....	2	2	4
Total.....	46	37	83

TABLE 3
AGE OF PATIENTS ADMITTED

	<i>Males</i>	<i>Females</i>	<i>Total</i>
15 to 20 years.....	3	4	7
20 to 30 years.....	7	11	18
30 to 40 years.....	12	13	25
40 to 50 years.....	12	3	15
50 to 60 years.....	7	3	10
60 to 70 years.....	3	1	4
70 years and over.....	2	2	4
Total.....	46	37	83

TABLE 4
NATIVITY OF PATIENTS ADMITTED

<i>Place of Nativity</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
United States:			
Massachusetts.....	32	25	57
Maine.....	..	2	2
Vermont.....	..	1	1
Idaho.....	1	..	1
North Carolina.....	1	..	1
Total.....	34	28	62
Other Countries:			
Canada.....	1	1	2
Newfoundland.....	1	..	1
Ireland.....	1	2	3
Portugal.....	2	3	5
Italy.....	3	2	5
Lithuania.....	1	..	1
Russia.....	..	1	1
Turkey.....	1	..	1
West Indies.....	2	..	2
Total.....	12	9	21
Grand Total.....	46	37	83

TABLE 5
DIAGNOSIS ON ADMISSION

	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Per Cent</i>
Minimal.....	3	1	4	.05
Moderately advanced.....	12	14	26	.34
Far advanced.....	27	19	46	.61
Non-tuberculous.....	1	1	2	..
Pulmonary fibrosis.....	2	1	3	..
Pachypleuritis.....	1	..	1	..
Silicosis.....	1	..	1	..
Total.....	47	36	83	100

TABLE 6
CONDITION ON DISCHARGE

	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Per Cent</i>
Apparently arrested.....	10	4	14	20.29
Quiescent.....	4	7	11	15.94
Improved.....	7	2	9	13.04
Unimproved.....	2	..	2	2.90
Not considered.....	2	3	5	7.25
Non-tuberculous.....	2	4	6	8.70
Deaths.....	16	6	22	31.88
Total.....	43	26	69	100.00

TABLE 7
AGE OF PATIENTS WHO HAVE DIED

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Under 21.....	0	0	0
21 to 31 years.....	2	4	6
31 to 40 years.....	3	1	4
41 to 50 years.....	5	..	5
Over 50 years.....	6	1	7
Total.....	16	6	22

SOCIAL WORKER

The report of the Social Worker for the year ending December 31, 1940, is as follows:

Visits made during the year.....	1,873
Settlements determined (as listed below).....	486
State cases.....	164
Cambridge cases.....	212
Other cities and towns.....	16
State Sanatorium application.....	31
Out-of-town notices.....	63
Bills investigated and approved for payment from out-of-town boards of health.....	184
Bills investigated and disapproved for reason that families were financially able to pay.....	14
Patients to clinics at Cambridge City Hospital.....	29
Patients sent to State sanatoria.....	29
(Lakeville 2; North Reading 4; Tewksbury 4; Middlesex Sanatorium 19)	
Children of patients at Tuberculosis Sanatorium placed out in homes.....	2
Children to convalescent home.....	1
Children to summer home.....	5
Work found for patient when discharged from Tuberculosis Sanatorium	1

BACTERIOLOGIST AND MILK INSPECTION

Report of Milk Inspector and Bacteriologist for the year ending December 31, 1940.

Number of examinations completed during the year, 6,696, divided as follows: 911 bacteriological specimens were examined, consisting of throat cultures for diphtheria, sputums for tuberculosis, bloods for typhoid fever, smears for gonorrhea, and Vincent's stomatitis. Also cultures for streptococci and chemical and microscopical examination of urines. 1,846 samples of milk were taken from wagons and trucks of dealers' vehicles. The official plate count of the American Public Health Association was used in determining the amount of bacteria in each sample. Since July 1939 the medium used has been the new tryptone-glucosi agar which is now the official medium.

932 store samples were tested and examined for quality, with the finding of four samples below standard. One case was taken to court during the year.

227 samples of cream were examined from dealers and stores for bacteria and butter-fat.

221 samples of ice cream were examined bacteriologically or for butter-fat.

34 samples of butter were examined and found up to standard.

21 samples of vinegar were also examined and found of standard strength.

645 samples of raw milk were examined from milk plants for bacteria contents.

153 dairies were inspected during the year in Massachusetts and Vermont and New Hampshire.

12 complaints from milk and other food products were investigated and adjusted.

88.85 per cent of the milk examined for bacteria contained 10,000 colonies or less per cubic centimeter. 8.94 per cent contained 10,000 to 25,000 and 2.21 per cent contained over 25,000 colonies of bacteria. 520 stores were licensed to sell milk during the year. 299 restaurants, 79 oleomargarines, 106 milk dealers, four pasteurizing plants and 17 ice cream manufacturers were licensed. Fees collected amounted to \$1,008.

Stores were inspected as to cleanliness of ice chests, and in establishments having soda fountains and ice cream chests, the conditions of the scoop were noted.

Bacteriological examinations for the year 1940 were as follows:

Diphtheria: 178 negative; four positive.

Tuberculosis: 117 negative; six positive.

Typhoid: 34 negative; none positive.

Streptococci: one negative; seven positive.

Vincent's stomatitis: seven negative; eight positive.

Gonorrhea: 420.

No growth: three.

Out of town specimens: 54.

On completing the new addition to the Tuberculosis Hospital a laboratory was established with a technician in charge where all the hospital sputa have been examined. Previously this was done at the Board of Health Laboratory.

INSPECTION OF FOOD PROVISIONS AND SLAUGHTERING

The regulations in regard to handling food in a clean and sanitary manner have been enforced as rigidly as possible, and as a whole the conditions are satisfactory.

We have paid special attention to liquor establishments (cafes and taverns) in regard to having running hot water. Though some minor violations still exist, warning has been given and we find they are coöperating satisfactorily.

The regulation regarding handling and exposing of bakery and other foods "eaten as is" has been strictly enforced.

The frequent visits to stores handling fish and provisions have shown good results.

The ice cream and candy manufacturing plants have been under systematic inspection and caused very little trouble.

The manufacture of beverages has been also under systematic inspection and conditions have been satisfactory. Poultry slaughter houses we find in good condition and regulations are being observed.

INSPECTION OF SLAUGHTERING MEATS CONDEMNED

Poultry	406 pounds
Sausage (fresh and smoked)	135 pounds
Spare ribs	25 pounds

Lamb	93 pounds
Veal	29 pounds
Liver	31 pounds
Beef	105 pounds
Fresh pork	183 pounds
Hamburg	88 pounds

FISH

Cod	133 pounds
Haddock	447 pounds
Halibut	103 pounds
Salmon	31 pounds
Flounders	31 pounds
Sno fish	190 pounds
Oysters	10 gallons
Clams	5 gallons
Scallops	8 gallons
Lobsters	94 pounds
Miscellaneous	167 pounds

FRUITS

Apples	1 bushel
Cantaloupe	2 crates
Watermelon	44 pieces
Bananas	40 pounds
Strawberries	25 quarts
Pears	2 dozen
Raisins	13 pounds
Grapes	37 pounds
Dates and figs	34 pounds
Oranges	37 dozen

VEGETABLES CONDEMNED

Cabbage	105 pounds
Broccoli	30 pounds
Turnips	25 pounds
Celery	31 bunches
Lettuce	2 bushels
Onions	2 bushels
Potatoes	24 bushels
Spinach	1 bushel
Squach	50 pounds
Tomatoes	17 pounds

MISCELLANEOUS PRODUCTS CONDEMNED

Candy	27 pounds
Cake	61 loaves
Bread	124 loaves
Rolls	15 dozen
Jam	21 pounds
Sugar	100 pounds

INSPECTED

Calves	23,707
Sheep	6
Cattle	10

CONDEMNED

777
1
0

HOUSING INSPECTION

As Sanitary and Housing Inspector for District No. 1, the following report covers the year ending December 1940. The houses in this district are mostly old and require a continual check-up to see that properties are kept in livable condition. Seven houses have been vacated, nine houses were made fit for occupancy and two houses have been torn down. Five families had to be removed because of overcrowding or unsanitary conditions. At present there are thirty houses vacated and they are still unoccupied in this district. These houses have been reported other years.

Houses vacated: 1-3-4-18-19 Squires Court; 62 Spring Street; 203 Hurley Street.

Houses vacated and later made fit for occupancy: 175-175 Rear Elm Street; 162 Rear Charles Street; 7-8 Max Avenue; 224A Hurley Street; 13 Market Street; 44 Second Street.

Houses torn down: 164-164 Rear Gore Street.

A detailed statement of general unsanitary conditions found and remedied in this district is included in the summary of nuisances abated, etc., which follows this report.

NUISANCES ABATED, REGULATIONS ENFORCED,
LICENSES GRANTED, CONTAGIOUS CASES
INVESTIGATED, ETC., 1940

Water closets, offensive and defective:	
Filthy bowls.....	37
Leaking bowls.....	21
Broken bowls.....	14
Obstructed soil pipes.....	46
Defective soil pipes.....	31
Defective tanks.....	14
Defective traps.....	30
Closets not supplied with running water.....	20
Insufficient supply of running water.....	23
New bowls installed.....	12
New closets installed.....	18
Defective supply pipes (from tank to bowl).....	16
Sinks, offensive and defective (including washbowls, bathtubs and set tubs):	
Filthy basins.....	13
Leaking basins.....	10
Defective traps.....	24
Defective drains.....	36
Obstructed drains.....	38
Untrapped drains.....	2
New sinks installed.....	15
Obstructed and defective house drains.....	42

Offensive cesspools.....	16
Defective ice chest connections.....	2
Defective barber shop connections.....	3
Wet and damp cellars remedied.....	48
Stagnant water on premises removed.....	28
Stagnant water in streets and gutters removed.....	17
Dirty yards cleaned.....	204
Dirty roofs cleaned.....	6
Dirty buildings cleaned.....	22
Dirty stairways cleaned.....	28
Dirty light wells cleaned.....	2
Dirty cellars cleaned.....	84
Dirty sheds cleaned.....	21
Dirty hencoops cleaned.....	13
Dirty stables cleaned.....	1
Uncovered manure pits properly covered.....	0
Manure in yards and lots removed.....	0
Vacant lots cleaned.....	44
Filthy garbage receptacles cleaned.....	100
Filthy garbage bins cleaned.....	33
Offensive odors from catch basins cleaned.....	14
New garbage receptacles provided with covers.....	48
New garbage receptacles, covers provided.....	76
Dead animals removed.....	36
Dirty ceilings.....	23
Noisy roosters.....	24
Leaking roofs.....	22
Smoke.....	23
Rats.....	41
Bugs and fleas.....	43
Fowls removed from dwelling houses (cellars, attics, etc.):	
Number of houses.....	8
Total nuisances abated.....	1,479
Unsanitary dwellings vacated.....	9
Plumbing (peppermint) tests made.....	3
Keeping hens without license.....	8
Keeping pigeons without license.....	6
Hearing notices posted (number premises).....	39
Inspections by sanitary inspectors.....	7,068
Subsequent inspections by sanitary inspectors.....	6,688
Complaints received by inspectors through office.....	665
Complaints received by inspectors outside office.....	260
Complaints received and investigated, no cause.....	102
Complaints received and investigated, nuisances abated.....	837
Complaints uncompleted.....	12
Contagious cases (placards removed).....	53
Venereal diseases (lapsed cases, male) followed up.....	81
Hearings given:	
On application to keep horses.....	1
On application to keep hens.....	21
On application to keep and sell live fowl.....	2
On application to keep pigeons.....	5
On application to keep pigs.....	1
On application to collect garbage.....	1
Permits granted:	
Hens (keep).....	18
Hens (keep, kill and sell).....	0
Pigeons.....	1
Licenses granted:	
Undertakers.....	46

Massage practice.....	28
Massage establishments.....	8
Manufacture non-alcoholic beverages.....	5
Ice cream manufactures.....	16
Vapor baths.....	1
Denatured alcohol dealers.....	23
Milk pasteurization plants.....	3
Rummage sales.....	33
Premises approved:	
Maternity hospitals or wards.....	4
Infant boarding homes.....	9
Recreation camps, overnight cabins, trailer camps.....	0
Registrations:	
Collect and cart offensive material.....	10
Collect (1) and cart (2) garbage.....	3
Sell ice.....	18
Slaughterhouses.....	2
Legal orders served.....	17

JOHN D. CROWLEY,
Clerk and Agent

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT OF
THE TRUSTEES

CAMBRIDGE
PUBLIC LIBRARY

For the Year Ending December 31, 1940



PRINTED FOR THE DEPARTMENT
UNDER THE DIRECTION OF THE CITY CLERK

ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

For the Year Ending December 31, 1940

TRUSTEES

JAMES F. FITZGERALD.....Term expires January, 1942
JULIA T. BOYLE.....Term expires January, 1944
RICHARD J. COSTELLO.....Term expires January, 1941
DANIEL A. BUCKLEY.....Term expires January, 1942
ELEANOR DALY.....Term expires January, 1942
HENRY J. MAHONEY.....Term expires January, 1943
ALMA M. BOUDREAU.....Term expires January, 1943

Secretary

ALMA BOUDREAU

Chairman

JAMES F. FITZGERALD

Treasurer

ELEANOR DALY

LIBRARIAN

THOMAS J. SULLIVAN

CENTRAL LIBRARY

Broadway and Trowbridge Street

The central library is open daily, except holidays, from 9 a.m. to 9 p.m. On Sundays the central library is open to readers only from 2 to 6 p.m. From June 1 to October 1 the central library is closed on Sundays. During July and August library closes at 1 o'clock Saturday.

BRANCH LIBRARIES

Open Week Days Only

EAST CAMBRIDGE BRANCH, 42 Sixth Street

Open from 9 a.m. to 9 p.m.

NORTH CAMBRIDGE BRANCH, Walden and Meade Streets

Open from 9 a.m. to 9 p.m.

CENTRAL SQUARE BRANCH, Municipal Building, Central Square

Open from 9 a. m. to 9 p.m.

CAMBRIDGE FIELD BRANCH, the Shelter, Cambridge Field

Open from 9 a.m. to 9 p.m.

MOUNT AUBURN BRANCH, Aberdeen Avenue

Open from 9 a.m. to 9 p.m.

OBSERVATORY HILL BRANCH, 146 Huron Avenue

Open from 9 a.m. to 9 p.m.

BOARDMAN BRANCH, Windsor and School Streets

Open from 9 a.m. to 9 p.m.

STAFF

THOMAS J. SULLIVAN, Librarian

OFFICE

ELEANOR McLAUGHLIN, Librarian's Assistant

KATHERINE M. O'NEILL, Chief of Order Department

REFERENCE DEPARTMENT

AGATHA L. KILLEEN, Chief

ALICE O'BRIEN, Assistant

RITA CASSIDY, Assistant

CIRCULATION DEPARTMENT

ELIZABETH H. WALSH, Chief

MARY POWER, Assistant

MARY SULLIVAN, Assistant

JUVENILE DEPARTMENT

ANNA SEXTON, Chief

HELEN KELLY, Assistant

CATALOGUE AND REPAIR DEPARTMENT

LAURA SILLEY, Chief

ALICE TIERNEY, Assistant Cataloguer

MARY CRONIN, Assistant Cataloguer

MARY FITZGERALD, Repair Assistant

REGISTRATION AND BILLING

FLORENCE M. LYONS

MARY MAHONEY

SCHOOLS AND HOSPITALS

MARY M. DOYLE

NORTH CAMBRIDGE BRANCH

MARION McCALL, Librarian

MARY FINUCANE, Desk Assistant

MARY McCARTHY, Desk Assistant

EAST CAMBRIDGE BRANCH

CATHERINE A. McALEER, Librarian

MARY MARKHAM, Desk Assistant

ALICE RONCHETTI, Desk Assistant

CENTRAL SQUARE BRANCH

MARY M. COTTER, Librarian

ELIZABETH FINN, Desk Assistant

EMMA HARRINGTON, Desk Assistant

CAMBRIDGE FIELD BRANCH

LILLIAN C. SCOTT, Librarian

HELEN M. CAHILL, Desk Assistant

ELIZABETH McKEEVER, Desk Assistant

MOUNT AUBURN BRANCH

MARY FITZPATRICK, Librarian

ISABELLE McGOWAN, Desk Assistant

HELEN DELANEY, Desk Assistant

OBSERVATORY HILL BRANCH

GERTRUDE SCOTT, Librarian

MARY JOYCE, Desk Assistant

MARY McDONOUGH, Desk Assistant

***BOARDMAN BRANCH**

JULIA STARKEY, Librarian

ANNA SULLIVAN, Desk Assistant

MARION HOGAN, Desk Assistant

CHAUFFEUR

CHARLES MONGAN

HEAD JANITOR

CORNELIUS F. DINAN

JANITORS

JOHN B. SLATTERY, Central Library

MARY NAVIN

WALTER HACKETT, Field

ARNOLD NELSON, North Cambridge

WALTER CONNELL, North Cambridge

STACK STAFF

JOSEPH REAGAN

JOSEPH BUCKLEY

PAGES AND PART-TIME WORKERS

LAWRENCE BILODEAU

CHARLES COTE

WARREN JOHNSON

WILLIAM J. MANNING

LEO MURPHY

SUSAN DORAN

DONALD KELLEY

JOSEPH FITZGERALD

EDWIN POLLEY

VIRGINIA REARDON

GEORGE WALLACE

ROBERT FELONEY

* Boardman Branch opened in November.

ANNUAL REPORT OF TRUSTEES OF THE CAMBRIDGE PUBLIC LIBRARY

To His Honor the Mayor:

The Board of Trustees in presenting their eighty-third annual report wish to express their gratification at the gain in circulation and their appreciation to the Mayor and City Council for the new branch in the Boardman Recreation Center.

The Board organized in January with James F. Fitzgerald, Chairman, Miss Alman Boudreau, Secretary, and Miss Eleanor L. Daly, Treasurer.

A disastrous fire and the failure of the heating plant practically stopped the work in two branches for several months. The necessary repairs have been completed and it is hoped that normal service will be established soon.

Through the coöperation of His Honor the Mayor and the Park Department a new branch was opened in the Boardman Recreation Center in November. This branch offers library service to a large group that have needed the Library in their community for many years.

The circulation record shows an increase of 54,781 volumes and placed the total circulation above the 700,000 mark for the first time in seven years.

The Board of Trustees hope that the future administrations will be as kind to the Library as the present and that we may have our branch libraries properly housed and equipped to perform the worthwhile service to the community.

The Board wish to express their satisfaction in the new branch building in East Cambridge and in the additional branch in the Boardman Recreation Center. It is the sincere aim of the Board to plan to have all branch libraries in city-owned buildings which will be designed especially for library service.

Book appropriations are important. Money should continue to be appropriated in generous amounts to supply not only recreational reading but the serious works called for by many. Money is needed to keep up the school collection and to furnish supplementary and required reading for the schools. To this end

the Board have continued their policy in requesting an adequate book budget that this work may continue.

In concluding, the Board of Trustees wish to express their continued confidence in your Librarian, Thomas J. Sullivan, and their appreciation of the coöperation of the staff under his direction.

JAMES F. FITZGERALD.

REPORT OF LIBRARIAN

I hereby submit the eighty-third annual report of the Cambridge Public Library.

The year 1940 was marked by the first major expansion of services through the opening of the seventh branch of the Public Library system as well as the first major loss in the history of the Library. Early in January a fire broke out in the Central Square Branch of the Library and practically destroyed the adult section of this branch. Encyclopedias, the biography, history and literature sections were completely burned out. Some of the furniture was also burned. Due to circumstances beyond the control of the Trustees and the Librarian this room has not yet been refinished for occupancy. It is hoped that the work of rehabilitation will be speeded up so as to open this room early in 1941. Also in 1940 the old boiler in the Cambridge Field Shelter wore out and could not be repaired. This necessitated the closing of this branch for several weeks and the part time opening for several months. Late in 1940 a new boiler was installed and this branch is rapidly proving its usefulness in the community.

In November of 1940 a new branch was opened in the reconstructed Boardman School. This building now known as the Boardman Recreation Center is under the supervision of the Park Department. The Library is most fortunate in having a branch located in this very active center. Through the very cordial relations between the Park and Library Departments and the good offices of His Honor, Mayor Lyons, this branch was made possible. Several classes from the Roberts School have already visited this branch and many of the people in the vicinity have expressed their appreciation of this added library service.

Budgetary difficulties were experienced in this Department last year when it became necessary to transfer a part of the book appropriation in order to carry on the normal service of the

Department. Despite this reduction of monies for books the Library added 11,549 volumes during the year and enjoyed 20,182 volumes increase in circulation.

An adequate book appropriation is essential to the rendering of useful service to the patrons. At present your Library is having very heavy demands for books on defense, aviation, and technical books. More books are needed for school circulation and for the high school and technical school reading lists. Your Library should have an appropriation of \$1 per capita for the population. This would mean an annual appropriation of \$110,879. With an appropriation of this size an adequate service could be offered and maintained. The juvenile and school collection could be brought up to date, reference books renewed more frequently, a service to shut-ins could be added, a larger number of books in demand be purchased, an expansion of hospital service made possible and the maintenance problem reduced by doing the needed repairs before replacement is necessary.

During the year several hundred discarded books were given to the Cambridge Tuberculosis Hospital to augment their very fine small library. Plans are being made to establish a branch station at this hospital. All books added to this collection will be permanently located at the hospital.

The policy of loaning fifty books a month to the Home for the Aged on Mt. Auburn Street was continued with success. Another such service was established late in December at the Cambridge Y. M. C. A.

Your Librarian further wishes to express his gratitude to the Federal Works Progress Administration and the Mayor for the fine work accomplished in redecorating and repairing the main library building. In this project the woodwork was stripped down to the original wood and given two coats of shellac and a coat of flat varnish. This work brought out the fine grain and carving which had been hidden for years. New shelves were added in the Circulation Room and the desk moved to a more central location. The art collection was moved to new shelving in the Cambridge Room. A new story hour room was made in the basement and the staff room enlarged and made more comfortable. Many patrons have expressed their appreciation of the work.

With Central Square Branch and the Cambridge Field Branch functioning again, the Branch work will regain a normal service.

It is well to note that both the Central Square Branch and the Observatory Hill Branch are poorly located and effort should be made to change these two branches to sites where they would render a greater service. A police station is not the proper location for a branch library and a second floor location is seldom successful. A long, narrow, poorly lighted store is not conducive to the best library service and this is the condition at Observatory Hill. It is the recommendation of your Librarian that a proper site be selected and the city build a small branch library to serve these two important communities. At East Cambridge Branch we find the work increasing and the demands for service becoming more urgent. An increase of 13,997 volumes in circulation speaks well for the erection of this building.

The regular parties were held for the children at Christmas and at the end of the story hour season. In East Cambridge a very interesting summer project was made possible last summer by a volunteer teacher, a friend of the branch librarian. Through her efforts the children learned to make many useful and decorative articles during the summer. The story hours are very popular with the children and they enjoy taking an active part in their parties.

The work with the schools has increased in usefulness through coöperation of the school librarians with Miss Cassidy. Late in December Miss Mary M. Doyle returned to the library staff after a leave of absence to serve on the State Public Library Division Staff. Miss Doyle has taken charge of the extension services of the Library and a further increase in this very worth-while service is already noticed.

The success of the Library this year is due in no small measure to the loyal support and hearty coöperation of the entire staff, for which your Librarian is grateful.

The Librarian also wishes to express his appreciation of the continued expression of good faith in him as shown by the Trustees, the Mayor and City Council.

Respectfully submitted,

THOMAS J. SULLIVAN,
Librarian.

LIBRARY STATISTICS

1940

Number of Card Holders

Now in process of re-registration

Borrowers registered during year (Central Library).....
 Total number of borrowers (Central Library).....

Branch Libraries

Borrowers registered during year (North Cambridge).....
 Total number of borrowers (North Cambridge).....
 Borrowers registered during year (Central Square).....
 Total number of borrowers (Central Square).....
 Borrowers registered during year (East Cambridge).....
 Total number of borrowers (East Cambridge).....
 Borrowers registered during year (Cambridge Field).....
 Total number of borrowers (Cambridge Field).....
 Borrowers registered during year (Mount Auburn).....
 Total number of borrowers (Mount Auburn).....
 Borrowers registered during year (Observatory Hill).....
 Total number of borrowers (Observatory Hill).....
 Borrowers registered during year (Boardman).....
 Total number of borrowers (Boardman).....

At Central Library and Branches

Total number of borrowers (those who have registered for new cards since
 January, 1931).....

Accessions

Central Library

	1939	1940
Added by purchase (new books).....	5,395	4,339
Added by purchase (replacements).....	202	282
Added by purchase (from funds).....	308	206
Added by gift.....	371	251
Binding.....	22	31
Lost books found.....	40	24
	6,338	5,133

Branch Libraries

Added by purchase (new books).....	8,580	6,022
Added by purchase (replacements).....	327	250
Added by gift.....	109	72
Added by transfer from Central Library.....	56	72
Lost books found.....	..	..
	9,072	6,416
Total accessions.....	15,410	11,549

Deductions

Central Library

Discarded.....	3,249	3,427
Missing.....	44	1,093
Transfer to Branches.....	56	72
	3,349	4,592

Branch Libraries

	1939	1940
Discarded.....	2,529	3,425
Missing.....	505	27
	3,034	3,452
Total deductions.....	6,383	8,044
Net gain.....	9,027	3,505
Total volumes in Central and Branches.....	195,471	198,976

Distributed as Follows

Central Library.....	135,325	135,866
North Cambridge.....	11,951	12,376
Central Square.....	10,122	9,838
East Cambridge.....	12,417	12,542
Cambridge Field.....	9,816	10,627
Mount Auburn.....	8,945	8,984
Observatory Hill.....	6,862	7,447
Boardman School.....	33	1,296
	195,471	198,976

CIRCULATION BY CLASSES, 1940

Adult

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch	Boardman Branch
General Works..	461	127	14	10	28	106	85	2
Philosophy.....	2,149	248	27	215	33	520	288	3
Religion	1,733	1,216	40	154	63	541	226	4
Sociology	5,478	1,092	130	415	122	1,367	602	8
Philology	657	311	13	94	35	684	111	1
Science	2,373	540	39	141	89	1,526	276	7
Useful arts	6,346	877	153	277	178	852	539	10
Fine arts	4,872	1,486	83	164	131	950	663	9
Music	2,193	.....	.....	.....	.....	.....	.....	..
Literature.....	9,841	3,445	227	1,410	554	3,224	1,226	15
History	9,870	4,039	347	715	430	2,658	1,543	67
Biography.....	10,250	3,876	230	456	512	2,377	1,475	14
Magazines	2,469	5,998	541	1,156	837	4,117	3,880	117
Fiction	118,907	53,327	21,714	34,875	21,716	31,452	40,167	1,915
Total.....	177,599	76,582	23,558	40,082	24,728	50,374	51,081	2,172

Juvenile

	Central Library	North Cambridge Branch	Central Square Branch	East Cambridge Branch	Cambridge Field Branch	Mount Auburn Branch	Observatory Hill Branch	Boardman Branch
General Works..	79	21	18	13	34	2,489	123	0
Philosophy.....	75	63	40	94	39	488	106	4
Religion	208	383	93	280	137	618	151	34
Sociology	4,185	4,946	1,738	3,431	1,975	3,593	2,393	33
Philology	130	298	92	91	92	560	155	6
Science	849	915	226	618	282	1,450	476	4
Useful arts.....	1,342	857	185	726	286	804	467	20
Fine arts	795	831	191	406	259	799	336	30
Music .....	.....	.....	.....	.....	.....	.....	.....	.....
Literature.....	1,506	4,250	633	1,345	796	3,149	907	136
History	1,980	7,271	777	1,234	774	2,606	983	64
Biography.....	1,013	2,300	221	436	388	2,597	558	50
Magazines	755	350	49	259	111	1,899	286	83
Fiction	34,918	33,842	9,316	21,042	16,882	23,967	17,070	1,183
Total.....	47,835	56,327	13,599	29,975	22,039	45,019	24,011	1,647

Total Circulation*

	1939	1940	Loss	Gain
Central Library	204,707	225,434	....	20,727
North Cambridge Branch	123,717	132,909	....	9,192
Central Square Branch	43,846	37,157	6,689	....
East Cambridge Branch	56,060	70,057	....	13,997
Cambridge Field Branch	63,583	46,767	16,816	....
Mount Auburn Branch	92,893	95,393	....	2,500
Observatory Hill Branch	70,546	75,092	....	4,546
Boardman Branch .....	....	3,819	....	3,819
Schools	35,763	24,669	11,094	....
Total	691,115	711,297	34,599	54,781
Net gain				20,182

Books to Outside Agencies

Grade schools	5,109	5,053	56	....
Branch libraries	1,983	1,769	214	....

**LIBRARY STATISTICS ACCORDING TO FORM ADOPTED
BY AMERICAN LIBRARY ASSOCIATION**

Annual report for year ending December 31, 1940.

Name of Library: Cambridge Public Library, Cambridge, Mass.

Name of Librarian: Thomas J. Sullivan.

Date of founding: 1858.

Population served (latest statistics): 118,000.

Assessed valuation of city or town: \$170,603,600.

Rate of tax levy: \$43 per thousand.

Terms of use: Free for lending, free for reference.

Total number of agencies: Consisting of Central Library; Branches, 7; Stations, 2; other agencies, 22 schools.

Number of days open during year (Central Library)..... 338

Hours open each week for lending (Central Library)..... 72

Hours open each week for reading (Central Library)..... 76

INCREASE

Number of volumes at beginning of year..... 195,471

Number of volumes added during year by purchase..... 11,195

Number of volumes added during year by gift or exchange..... 323

Number of volumes withdrawn during year..... 8,044

Total number at end of year..... 198,976

Number of volumes in Reference Department (included in total)..... 3,219

Number of volumes added during year by binding material..... 31

Number of volumes of fiction lent for home use..... 482,293

Total number of volumes lent for home use..... 686,628

REGISTRATION

Re-registration now in process

Number of borrowers registered during year.....

Total number of registered borrowers.....

	Titles	Copies
Newspapers	16	16
Periodicals	197	198

Number of staff, library service..... 42

Number of staff, janitor service..... 3

* Boardman Branch opened in November.

Central Square Branch closed because of fire for about three weeks.

Cambridge Field Branch closed for repairs and heat and open half time for about six months.

CITY OF CAMBRIDGE
MASSACHUSETTS

ANNUAL REPORT
OF THE
SCHOOL COMMITTEE
AND THE
SUPERINTENDENT OF SCHOOLS
1940



PRINTED FOR THE DEPARTMENT

SCHOOL COMMITTEE

FROM JANUARY 1, 1940 TO JANUARY 1, 1941

MAYOR JOHN W. LYONS.....*Chairman*

JAMES F. FITZGERALD, ESQ.....*Vice-Chairman*

**JOHN F. CARR, ESQ., 71 Larch Road

*JOHN J. CARVER, 62 Fayerweather Street

**DR. JAMES J. CASSIDY, 35 Huron Avenue

*JAMES F. FITZGERALD, ESQ., 117 Spring Street

**WILLIAM F. GALGAY, 10 St. Paul Street

*RUSSELL A. WOOD, 11 Whittier Street

Secretary

EDWARD J. O'CONNELL, 58 Guyette Road

*Term expires December 31, 1941.

**Term expires December 31, 1943.

OFFICERS OF THE SCHOOL COMMITTEE

Superintendent of Schools

MICHAEL E. FITZGERALD 160 Upland Road

Assistant Superintendent of Schools

JOHN M. TOBIN 67 Rindge Avenue

Executive Secretary

WILLIAM F. DONOVAN 59 Magazine Street

Supervisor of Primary Schools

ELIZABETH F. BUTLER 12 Fresh Pond Lane

Supervisor of Kindergartens

ALICE V. MCINTIRE 83 Brattle Street

Supervisor of Measurement and Adjustment

GERTRUDE B. DUFFY 175 Mount Auburn Street

Business Agent

CONSTANTINE J. CHURCH 87 Fayerweather Street

Assistant Business Agent

GERALD T. LISTON 151 Magazine Street

OFFICES AT 1700 CAMBRIDGE STREET

Offices open from 8 o'clock A.M. to 4 o'clock P.M. every day excepting Saturday. Saturday from 8 o'clock A.M. to 12 o'clock M.

In Memoriam

JOHN R. CURRY

Appointed teacher, September 1933

Died, March 1940

MELISSA M. LLOYD

Appointed teacher, October 1880

Retired, July 1928

Died, July 1940

MARGARET F. RUDDICK

Appointed teacher, January 1924

Died, March 1940

MARY A. STEPHENSON

Appointed teacher, September 1898

Retired, January 1927

Died, July 1940

REPORT OF THE SUPERINTENDENT OF SCHOOLS FOR 1940

To the School Committee:

I herewith submit my twenty-ninth annual report, which is the seventy-third in the series of annual reports by the superintendents, and the hundred and first of the printed reports of the School Committees of Cambridge.

This year the national emergency necessarily influences all of our thinking and planning. While this totalitarian challenge and threat to democracy persists, American education, no less than American industry, must give precedence to the nation's defense and the problems rising therefrom. Nevertheless, the threat to democracy did not begin with, nor will it end with, this war. Ignorance and cupidity, selfish and brutal disregard for the rights of others, these are the enduring enemies of democracy, of all true civilization. Against these our schools have long fought. Had the schools failed in that right, no military preparedness could save us now, could keep flaming the torch of our freedom. Thus I have nothing to report of significance comparable to this. In every Cambridge classroom the American flag is loved and honored. That way of life of which our flag is the symbol, is daily taught and practised. Because Cambridge teachers in thought, word and deed are one hundred per cent loyal Americans, the minds and the hearts of Cambridge children are safe in their schools.

In the early months of 1940, the School Committee, in coöperation with the Massachusetts Department of Education, offered the facilities of the Rindge Technical School to the Federal Government for the training of men for national defense industries. A permanent advisory committee was formed, composed of representatives of Cambridge industry and labor, with the president of the Chamber of Commerce acting as chairman, and the assistant superintendent acting as executive officer.

Apparent training needs were presented to this committee for investigation, discussion and recommendation. As rapidly as such needs were substantiated, classes were organized. We are

now using all of the machine shop and welding facilities of the Rindge Technical School twenty-four hours per day, five days a week. Almost all of those who have successfully completed the courses offered, are now employed for national defense in machine shops, shipbuilding plants, the Watertown Arsenal and the Boston Navy Yard. As another phase of the defense training program, we are offering supplementary instruction in Blueprint Reading and Machine Drafting, to men already employed in private industries having defense contracts. Other training programs will be inaugurated whenever there is evidence of the need, and the facilities are available. The committee, its executive officer, and the teaching staff, are to be congratulated upon a difficult task accomplished with swift efficiency.

The unemployment problem is but partially and temporarily solved by the labor demands born of the preparedness effort. But unemployment is itself a threat to our national well-being. Therefore, looking to the future, recognizing the right and the need of men to labor, we are giving increased attention to the problems of vocational guidance; seeking a closer correlation between employment needs and classroom practises.

Over a year ago, under the direction of the assistant superintendent, committees of teachers of the Cambridge High and Latin School and the Rindge Technical School were organized to study the problem in all its phases, and to work out a practical technique for vocational guidance and direction.

These committees are engaged, outside of their regular duties, in interviewing and counselling the boys and girls, and in seeking placement opportunities for recent graduates and former students in the high schools. In Educational Guidance they are endeavoring to stimulate and broaden the pupil's outlook and sympathies by revealing the educational fields in high schools and by relating the school training to his life career. In Vocational Guidance they are striving to stimulate interest in the occupational life of the city, desirable occupations and the value of school subjects as preparation for occupational life.

These committees have been successful in the operation of a placement service for the high school graduates and former students. Through the coöperation of the Cambridge Chamber of Commerce, they have secured a statistical directory of the business and industrial concerns in and around Cambridge. All of

these concerns were made acquainted with the placement service by letter or personal interview, and the results have been gratifying. The committees have received 209 replies to the letters or personal calls, either as requests to interview some of our graduates, or as acknowledgments and promises of coöperation. One hundred and eighty-nine graduates or former students were referred to employers, and of this group 144 were employed, 101 in permanent positions. This vigorous approach to a problem of vital and lasting importance is made possible by the members of these committees, who are giving generously of their time, energy and enthusiasm, that the work may go forward.

No education is more productive of individual development and happiness, nor contributes more to the general welfare, than the teaching of adults and of aliens in our Americanization classes. In this field, here in Cambridge we have had conspicuous success. The work of our teachers in this department has been widely commended, and indeed copied. This year, to name but one of many instances, a citizenship chart devised by a Cambridge teacher has won high praise from the State Department of Education. And the Bureau of Naturalization has requested and received permission to issue the chart in pamphlet form, as a basis for the Naturalization Examinations on the Principles of the Constitution.

This year, 1,905 students of twenty-five different nationalities, and of ages ranging from eighteen to eighty-one, have enrolled in these classes which were held in the evening schools, in factories, community centers and churches. The Americanization teachers go wherever in the city are found those who need and accept their instruction. And wherever they go they make new citizens, good Americans. Such teachers work, too, in the national defense, guarding daily our ramparts against the enemies within.

Democracy is not static, a good once accomplished to be merely preserved. It is a living, growing process. So, too, that education that is at once the tool and the product of democracy, is never finished, is a continuous adjustment and readjustment to a changing world. Nowhere is that change more evident than in the attention we are now paying to the physical needs and deficiencies of our school children. Knowing now how closely related are physical and mental health, physical and moral health; here in Cambridge we are doing all that is humanly possible to prepare

children for healthy vigorous living. We are doing all that is humanly possible to lift from any child the burden of a physical disability. I am confident that any Cambridge citizen, having seen what is being done in our schools for physically handicapped children; for children predisposed to tuberculosis; for children with speech or hearing difficulties; for children with curvature of the spine; any citizen having seen this work and the results accomplished, would will its continuance. We are proud of our athletes, and of their victories in competitive sports, but we rejoice not less in these little ones, whom our physical education department and its related services are daily saving for normal and happy living.

With deep regret and a sense of personal loss, I must report the retirement in June of Leslie L. Cleveland, for more than thirty years the Head Master of the Cambridge High and Latin School. Much more than those many years of service Mr. Cleveland has given to the High and Latin School. He has given to the School his own high standards of conduct and scholarship, his love of learning, his generosity of spirit. Thus he has made the High and Latin School the pride of its graduates and of the city; one of the finest public high schools in the nation. While the High and Latin School stands, his name will be remembered and honored in its halls. While his students and teachers live, he will live in their hearts, in what of worth they accomplish.

Mr. Cleveland's final report, which follows, brings to an end an inspiring chapter in the history of the Cambridge public schools.

There are those who fear now for America, and for the way of life we call American. I do not share their fears. For in fifty years of public service I have seen other times of confusion and danger, and have seen them pass. For fifty years I have watched the American people building schools, building them larger and better each year; each year opening wider their doors to all who sought a better life. No power on earth can close those doors. For those who have passed through them will hold them open for their children. And while they stand open, America lives.

For wise and kind guidance, for unselfish devotion to the schools and children of Cambridge, I thank the members of the School Committee. And I thank the teachers and masters of Cambridge whose work is my pride.

Respectfully submitted,

M. E. FITZGERALD,
Superintendent of Schools.

REPORT OF HEADMASTER OF THE HIGH AND LATIN SCHOOL

Mr. M. E. Fitzgerald, Superintendent of Schools:

Dear Mr. Fitzgerald:

I herewith submit my report of the High and Latin School for 1940, my last report I am sorry to say. It is not easy to leave a school which has been so much in mind and heart for thirty years.

I came to the School in February 1910; in the fall of which year the English High, which gave a training predominantly commercial to six hundred girl students, and the Latin School, which had five hundred pupils in college preparatory classes, were united to make the one Cambridge High and Latin School. Our present total enrollment is 3,577.

The story of the High and Latin School from that day to this is essentially the story of the development of secondary education over that period. Then the pupil population was fairly homogeneous in both character and outlook. The curricula offered little option and were limited in scope. Then large numbers of boys and girls went from the grammar schools to work. Now they are compelled by both law and economic pressure to stay in school much longer — through the high school if possible.

This has brought a whole new stratum of society to the high school, and a greatly increased responsibility to the school. Today the school has become a cross section of practically all the population of the city. Today college preparation concerns a decided minority of these pupils. Out of the graduating class of 1940, 153 boys and girls entered colleges and other schools of higher education; 421 boys and girls completed with their high school diplomas their formal education.

How can we best serve this present student body, with so many in school only because they can find no employment in the business world? In answer I submit these three suggestions as important:

A recognition of the great change in school population both in numbers and in character.

A closer correlation between our teaching and life conditions.

An effective program in vocational information and guidance.

We must waste neither time nor energy in regretting the passing of the old, or in vainly hoping for its restoration. Nevertheless, much that is old has timeless value and must be preserved. We will preserve it by discovering how best to relate its values to present conditions.

When we actually make these new conditions, with their varied demands, fundamental in our educational credo, we will necessarily change in some degree at least our methods of instruction, and of measuring results. The students should be divided into groups on broad lines, and those lines elastic enough to allow moving from one group to another, when such transfer be deemed to the advantage of the pupil. Some regrouping must be continually in process in any school that is not static; only thus may many maladjustments be corrected.

Curricula must be devised to meet the needs and abilities of each group — work that can be done successfully by that group. Success means self-respect and belief in one's powers to succeed. Administration of such a program requires great wisdom and care, but the dangers are less serious than those inherent in an attempt to place all in a common mold.

Teaching must keep in closer touch with realities, become more vital, and so more effective. Very few pupils think in the abstract. It is difficult for them to sense long range values. They deal with the concrete and the present. Factual information soon leaves us, unless our business or profession demands its practical use. If a pupil acquires nothing but facts soon forgotten, he gains little from his study. He should at least learn how to seek things out for himself, and to find enjoyment in that seeking.

In general, the social studies offer an exceptional opportunity for teaching realities.

United States History and Government should be taught so as to give the student an understanding of and a pride in, our way of life. In these days, when the weak, the inefficient and the evil are so widely circulated, our youth may gain the idea that our government is more bad than good. That is a conception both false and dangerous. Our youth must become acquainted with

the background of struggle, self-denial, and success, that is our heritage. They must treasure that knowledge, and in their pride of it, determine to make the evils fewer. Surely this should be a constant aim in all American teaching.

In closing, I wish to express my appreciation to all who have worked with me through the years. If the School has done well it has been largely due to the coöperation of all who were connected with its activities. For their loyalty and help I am deeply grateful.

Very respectfully,

L. L. CLEVELAND,
Head Master.

FOR THE FINANCIAL YEAR FROM JANUARY 1, 1940
TO DECEMBER 31, 1940

Amount appropriated for 1940	\$1,867,345 50
Total expenditures, 1940	\$1,865,891 50
Total receipts, 1940	188,982 39
Net cost to city, 1940	\$1,676,909 11

RECEIPTS

Tuition, State Wards	\$4,922 30
Tuition, Boston City Wards	315 98
Tuition, State-Aided Vocational Classes	300 30
Tuition	1,661 10
Chapter 70 G. L.	134,958 00
From State-Vision Class	1,000 00
Rent of halls	1,113 26
Lunchroom receipts	23,534 09
Miscellaneous receipts	291 45
Reimbursement from State-Aided Vocational Classes	20,885 91
Total	\$188,982 39

EXPENDITURES

Salaries of teachers, all schools	\$1,484,281 42
Teachers examinations	1,772 00
Administrative salaries	67,270 00
General administrative expenses	7,161 31
Textbooks	11,369 07
Supplies	26,194 38
Transportation of pupils	1,971 50
Tuition to other cities	2,730 30
Boys at County Training School	312 00
Janitor salaries	131,272 44
Janitor's supplies	2,659 88
Fuel and light	63,340 31
Repairs to buildings	14,848 09
Furniture and furnishings	1,504 27
Travel outside State	133 68
Other school expenses	8,684 89
Refund on Minors' Licenses	43 50
Amount carried forward	\$1,825,549 04

Amount brought forward	\$1,825,549 04
Pensions	3,098 00
Lunch rooms supplies	18,239 36
Athletic clothing	2,696 88
Museum supplies	199 77
Kindergarten Christmas Expenses	87 25
WPA nursery classes supplies	1,588 43
WPA projects	6,325 00
Retirement Fund Contribution	3,864 00
Physician	3,000 00
Vocational guidance	150 00
Welding Equipment	1,093 77
Total expenditures	<u>\$1,865,891 50</u>
Balance unexpended	<u>\$1,454 00</u>

WPA projects appropriations	\$6,325 00
Balance from 1939	247 97
Total appropriation	<u>\$6,572 97</u>
Expended	<u>5,672 35</u>
Unexpended balance	\$900 62

WPA PROJECTS

	Allotted	Expended	Balance
Rindge Technical School	\$6,572 97	\$5,672 35	\$900 62

TABLE SHOWING VALUE OF BUILDINGS AND LAND

	Buildings	Land	Total
Putnam School	\$65,900 00	\$8,700 00	\$74,600 00
Thorndike School	100,000 00	14,400 00	114,400 00
Gannett School	7,800 00	3,100 00	10,900 00
Roberts School	561,000 00	20,100 00	581,100 00
Kelley School	80,000 00	9,400 00	89,400 00
Wellington School	133,000 00	14,900 00	147,900 00
Fletcher School	94,400 00	8,600 00	103,000 00
Morse School	80,400 00	11,100 00	91,500 00
Willard School	28,100 00	8,000 00	36,100 00
Webster School	397,000 00	11,100 00	408,100 00
Harvard School	71,800 00	11,800 00	83,600 00
Longfellow School	474,100 00	28,900 00	503,000 00
Houghton School	261,300 00	7,500 00	268,800 00
Rindge School	1,356,400 00	105,800 00	1,462,200 00
High and Latin School	1,262,900 00	92,500 00	1,355,400 00
Agassiz School	122,100 00	11,800 00	133,900 00
Ellis School	50,000 00	7,600 00	57,600 00
Sleeper School	30,000 00	8,400 00	38,400 00
Wyman School	5,900 00	4,600 00	10,500 00
Lincoln School	215,400 00	11,800 00	227,200 00
Peabody School	68,000 00	22,900 00	90,900 00
Lot . . . . .	.....	6,400 00	6,400 00
Lowell School	6,500 00	5,500 00	12,000 00
Russell School	239,500 00	31,300 00	270,800 00
Haggerty School	45,300 00	8,200 00	53,500 00
	\$5,756,800 00	\$474,400 00	\$6,231,200 00

COST OF INSTRUCTION FROM JANUARY 1, 1940 TO JANUARY 1, 1941

SCHOOLS AND OFFICERS	Cost of Instruction	Average Number of Pupils for the Year ending in December	Cost per Pupil
High and Latin School.....	\$359,768 66	3,284	\$109 55
Rindge Technical School.....	235,015 99	1,580	148 74
Grammar Schools.....	370,160 89	5,355	69 12
Primary Schools.....	206,906 89	3,012	68 69
Kindergartens.....	60,459 69	717	84 32
Open Air Classes.....	27,561 53	172	160 24
Ungraded Classes.....	26,652 93	188	141 77
Substitute Teachers.....	15,916 00	.....	.....
Vocational and Continuation School for Girls...	4,937 70	.....	.....
Department of Art.....	11,030 50	.....	.....
Department of Music.....	12,693 33	.....	.....
Department of Physical Education.....	33,380 43	.....	.....
Manual Training and Pre-Vocational Work....	29,628 17	.....	.....
Central Trade and Continuation for Boys.....	23,677 53	.....	.....
Teachers of Sewing.....	10,997 27	.....	.....
Teacher of Cooking.....	5,154 66	.....	.....
Teacher of Stammerers.....	1,994 00	.....	.....
Teachers of Vision Class.....	3,988 00	.....	.....
Teacher of Lip Reading.....	1,994 00	.....	.....
Opportunity Class.....	3,692 00	.....	.....
Home Teachers.....	12,770 10	.....	.....
Teachers at Museum.....	5,302 87	.....	.....
Hospital Teacher.....	114 50	.....	.....
Athletics.....	8,025 00	.....	.....
Physician.....	3,000 00	.....	.....
Superintendent.....	7,700 00	.....	.....
Assistant Superintendent.....	5,000 00	.....	.....
Supervisor of Primary Schools.....	2,800 00	.....	.....
Supervisor of Kindergartens.....	2,800 00	.....	.....
Business Agent.....	3,750 00	.....	.....
Assistant Business Agent.....	2,900 00	.....	.....
Clerks.....	15,700 00	.....	.....
Assistant Storekeeper.....	1,820 00	.....	.....
Supervisors of Attendance.....	13,800 00	.....	.....
Measurements and Adjustments.....	6,308 00	.....	.....
Teachers Examinations.....	1,772 00	.....	.....
Total.....	\$1,539,172 64	14,308	\$107 57

The per pupil costs in the High and Latin, Rindge Technical, Grammar and Primary Schools, Special Classes, Kindergartens and Open Air Classes are listed above.

Cost of instruction in the Evening Elementary Schools.....	\$1,308 50
Cost of instruction in the Evening High School.....	4,273 00
Cost of instruction in Rindge Evening Industrial.....	5,090 28
Total.....	\$10,671 78
Cost of instruction in Americanization, Director and Field Worker...	\$4,350 00
Cost of instruction in Americanization, Afternoon Classes.....	\$2,129 00

COST OF INSTRUCTION IN THE EVENING SCHOOLS

YEAR	Drawing	Industrial	High	Elementary	Total
1936.....	\$391 50	\$3,933 00 ¹	\$6,183 00	\$1,464 00	\$11,971 50 ¹
1937.....	400 50	4,314 00 ²	6,077 00	1,472 50	12,264 00 ²
1938.....	486 00	5,800 00 ³	6,642 00	1,808 00	14,736 00 ³
1939.....	499 50	5,395 00 ⁴	5,406 00	1,452 50	12,753 00 ⁴
1940.....	508 50	4,701 00 ⁵	4,273 00	1,308 50	10,791 00 ⁵

GENERAL STATISTICS

Population of Cambridge

1900.....	91,886	1920.....	109,694
1910.....	104,839	1930.....	113,643
	1940.....		110,879

NUMBER OF TEACHERS IN THE DAY SCHOOLS

DECEMBER	High and Latin School	Rindge Technical School	Elementary Schools	Kinder-gartens	Continuation School Central Vocational Class	Directors and Special Teachers	Total
1936	153	77	355	35	10	50	680
1937.....	146	77	359	38	11	53	684
1938	153	83	353	38	12	53	692
1939	149	84	354	40	12	54	693
1940	145	83	351	39	12	56	686

¹ This amount includes \$93.54 received from Smith-Hughes Fund.
² This amount includes \$100.30 received from Smith-Hughes Fund.
³ This amount includes \$100.39 received from Smith-Hughes Fund.
⁴ This amount includes \$160.54 received from Smith-Hughes Fund.
⁵ This amount includes \$119.22 received from Smith-Hughes Fund.

COST OF INSTRUCTION IN THE DAY SCHOOLS

*Salaries of Teachers, Superintendents, Supervisors, Agent, Clerks,
and Supervisors of Attendance*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in December	Total Cost	Cost per Pupil
1931*	678	16,044	15,434	\$1,128,912 08*	\$70 36
1932	692	16,201	15,738	1,530,247 64	97 23
1933	695	16,561	15,899	1,536,943 42	96 67
1934	677	16,505	15,757	1,532,001 58	97 23
1935	681	16,329	15,742	1,548,916 87	98 39
1936	680	15,999	15,636	1,551,430 12	99 22
1937	684	15,410	15,327	1,529,010 51	99 76
1938	692	15,571	15,450	1,524,469 25	98 67
1939	693	15,215	14,937	1,539,013 64	103 03
1940	686	14,495	14,308	1,539,172 64	107 56

*From April 1, 1931 to December 31, 1931.

COST OF THE SCHOOLS

*Cost of Instruction, of Textbooks and Supplies, of Incidental Expenses,
of the Care of Schoolhouses, and of the Transportation of Pupils,
but not including Repairs*

YEAR	Number of Teachers in December	Number of Pupils in December	Average Number of Pupils for Year ending in December	Total Cost	Cost per Pupil
1931*	678	16,044	15,434	\$1,481,394 95*	\$92 33
1932	692	16,201	15,738	1,807,367 84	114 84
1933	695	16,561	15,899	1,810,631 37	113 89
1934	677	16,505	15,757	1,829,377 56	116 10
1935	681	16,329	15,742	1,912,347 22	121 48
1936	680	15,999	15,636	1,878,426 06	120 13
1937	684	15,410	15,327	1,849,265 74	120 65
1938	692	15,571	15,450	1,897,220 48	122 80
1939	693	15,215	14,937	1,847,198 30	123 66
1940	686	14,495	14,308	1,844,718 41	128 92

*From April 1, 1931 to December 31, 1931.

ATTENDANCE AT ALL THE DAY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1936	9,186	8,238	17,424	16,278	15,060	92.5
1937	9,025	8,045	17,070	15,868	14,436	90.9
1938	8,714	7,808	16,522	15,317	14,349	93.7
1939	8,529	7,716	16,245	14,912	13,707	91.9
1940	8,497	7,702	16,199	14,703	13,634	92.7

ATTENDANCE AT THE HIGH AND LATIN SCHOOL

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attend- ance	Per Cent of Attend- ance
	Boys	Girls	Total			
1936	1,291	2,298	3,589	3,277	3,072	93.7
1937	1,415	2,316	3,731	3,318	3,058	92.2
1938	1,209	2,384	3,593	3,322	3,076	92.6
1939	1,238	2,411	3,649	3,404	3,115	91.5
1940	1,174	2,497	3,671	3,349	3,104	92.7

ATTENDANCE AT THE RINDGE TECHNICAL SCHOOL

YEAR	Number of Pupils Registered	Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
1936	1,571	1,416	1,291	91.1
1937	1,585	1,401	1,262	90.0
1938	1,550	1,367	1,253	91.7
1939	1,669	1,510	1,361	90.1
1940	1,741	1,572	1,432	91.1

ATTENDANCE AT THE GRAMMAR SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1936	3,663	3,468	7,131	6,802	6,414	94.3
1937	3,394	3,299	6,693	6,375	5,978	93.8
1938	3,371	3,085	6,456	6,161	5,842	94.8
1939	3,115	2,975	6,090	5,741	5,471	95.3
1940	3,166	3,068	6,234	5,668	5,356	94.5

ATTENDANCE AT THE PRIMARY SCHOOLS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1936	2,184	1,958	4,142	3,968	3,601	90.7
1937	2,137	1,949	4,086	3,970	3,464	87.3
1938	2,118	1,849	3,967	3,663	3,407	93.0
1939	2,060	1,885	3,945	3,515	3,156	89.8
1940	1,964	1,699	3,663	3,347	3,097	92.5

ATTENDANCE AT THE KINDERGARTENS

YEAR	NUMBER REGISTERED			Average Number Belonging	Average Daily Attendance	Per Cent of Attendance
	Boys	Girls	Total			
1936	477	514	991	815	682	83.7
1937	494	481	975	804	674	83.8
1938	466	490	956	804	771	95.9
1939	447	445	892	742	604	81.4
1940	452	438	890	767	645	84.1

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE HIGH
AND LATIN SCHOOL

SEPTEMBER	Boys	Average Age	Girls	Average Age
1936	285	13 years 10 months	672	13 years 10 months
1937	239	13 years 8 months	670	13 years 9 months
1938	284	13 years 4 months	673	13 years 8 months
1939	214	13 years 8 months	684	14 years 0 months
1940	190	13 years 9 months	661	14 years 1 month

NUMBER OF PUPILS GRADUATED FROM THE HIGH AND LATIN SCHOOL

YEAR	Boys	Average Age	Girls	Average Age
1936	234	17 years 11 months	352	18 years 0 months
1937	211	18 years 2 months	333	18 years 1 month
1938	194	18 years 2 months	346	18 years 0 months
1939	208	18 years 0 months	376	18 years 1 month
1940	202	17 years 11 months	370	18 years 1 month

NUMBER OF PUPILS ADMITTED TO THE LOWEST GRADE OF THE RINDGE
TECHNICAL SCHOOL, WITH THE NUMBER OF GRADUATES

SEPTEMBER	Admitted	Average Age	Graduated in June	Average Age
1936.....	545	15 years 1 month	212	18 years 7 months
1937.....	535	14 years 10 months	245	18 years 3 months
1938.....	634	14 years 11 months	228	18 years 5 months
1939.....	604	14 years 9 months	234	18 years 3 months
1940.....	567	14 years 9 months	233	18 years 4 months

NUMBER OF PUPILS GRADUATED FROM THE GRAMMAR SCHOOLS

JUNE	Boys	Average Age	Girls	Average Age
1936.....	556	14 years 6 months	559	14 years 5 months
1937.....	512	14 years 5 months	600	14 years 3 months
1938.....	582	14 years 6 months	586	14 years 2 months
1939.....	527	14 years 5 months	548	14 years 2 months
1940.....	529	14 years 4 months	547	13 years 9 months

NUMBER OF PUPILS COMPLETING THE PRIMARY COURSE OF STUDY

YEAR	Boys	Average Age	Girls	Average Age
1936.....	541	9 years 4 months	485	9 years 1 month
1937.....	508	9 years 1 month	572	9 years 3 months
1938.....	537	9 years 3 months	493	9 years 0 months
1939.....	466	9 years 3 months	510	8 years 8 months
1940.....	461	9 years 2 months	494	8 years 10 months

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY IN THE
GRAMMAR SCHOOLS

YEAR	In Four Years or Less	In Five Years	In Six Years	In More than Six Years
1936.....	2 per cent	74 per cent	20 per cent	4 per cent
1937.....	1 per cent	71 per cent	21 per cent	7 per cent
1938.....	1 per cent	73 per cent	22 per cent	4 per cent
1939.....	1 per cent	70 per cent	22 per cent	7 per cent
1940.....	0 per cent	71 per cent	24 per cent	5 per cent

LENGTH OF TIME IN COMPLETING THE COURSE OF STUDY
IN THE PRIMARY SCHOOLS

YEAR	In Less than Three Years	In Three Years	In Four Years	In More than Four Years
1936.....	1 per cent	61 per cent	24 per cent	14 per cent
1937.....	2 per cent	58 per cent	25 per cent	15 per cent
1938.....	2 per cent	64 per cent	22 per cent	12 per cent
1939.....	1 per cent	63 per cent	25 per cent	11 per cent
1940.....	1 per cent	66 per cent	26 per cent	7 per cent

NUMBER OF PUPILS IN THE HIGH AND LATIN SCHOOL, DECEMBER, 1940

YEAR	Boys	Girls	Total	Per Cent
Post Graduate.....	49	51	100	.030
Twelfth.....	213	481	694	.208
Eleventh.....	267	609	876	.262
Tenth.....	231	592	823	.246
Ninth.....	189	659	848	.254
Total.....	949	2,392	3,341	..

NUMBER OF PUPILS IN THE RINDGE TECHNICAL SCHOOL, DECEMBER, 1940

(This school is for boys only. It became a part of the public system January 1, 1899)

YEAR	Boys	Per Cent
Post Graduate.....	28	.016
Twelfth.....	264	.160
Eleventh.....	368	.223
Tenth.....	488	.295
Ninth.....	505	.306
*Total.....	1,653	....

* Includes boys in Central Vocational School for Boys doing High School work.

NUMBER OF PUPILS IN THE GRAMMAR SCHOOLS. DECEMBER, 1940

YEAR	Boys	Girls	Total	Per Cent
Eighth.....	613	622	1,235	.217
Seventh.....	607	611	1,218	.214
Sixth.....	606	527	1,133	.199
Fifth.....	522	547	1,069	.188
Fourth.....	517	518	1,035	.182
Total.....	2,865	2,825	5,690	....

NUMBER OF PUPILS IN THE PRIMARY SCHOOLS, DECEMBER, 1940

YEAR	Boys	Girls	Total	Per Cent
Third	523	422	945	.312
Second	528	500	1,028	.340
First	541	512	1,053	.348
Total	1,592	1,434	3,026	...

NUMBER OF PUPILS AND TEACHERS IN THE KINDERGARTENS

YEAR	Boys	Girls	Total	Number of Teachers
1936	469	438	907	35
1937	435	434	869	38
1938	409	407	816	38
1939	396	409	805	40
1940	412	373	785	39

NUMBER OF AGE AND SCHOOLING CERTIFICATES ISSUED

1934	1935	1936	1937	1938	1939	1940
75	105	179	162	84	100	69
1,679 ¹	2,105 ¹	2,818 ¹	2,938 ¹	2,287 ¹	2,101 ¹	2,449 ¹

¹ Issued to minors over sixteen years of age.

SUMMARY

Number of Pupils Belonging in December, 1940

Number of pupils in the High and Latin School	3,341
Number of pupils in the Rindge Technical School	1,653
Number of pupils in the Grammar Grades	5,040
Number of pupils in the Primary Grades	2,818
Number of pupils in the Kindergarten	785
Number of pupils in the Open Air Classes	161
Number of pupils in Special Classes	523
Number of pupils in the Ungraded Classes	174
Number of pupils in the public schools, December, 1940	14,495
Number of pupils in the public schools, December, 1939	15,215
Decrease of pupils, December, 1940	720
Increase of pupils, 1930	17
Increase of pupils, 1931	434
Increase of pupils, 1932	157
Increase of pupils, 1933	360
Decrease of pupils, 1934	56
Decrease of pupils, 1935	176
Decrease of pupils, 1936	330
Decrease of pupils, 1937	589
Increase of pupils, 1938	161
Decrease of pupils, 1939	356
Decrease of pupils, 1940	720

NUMBER OF PUPILS REGISTERED IN THE EVENING DRAWING SCHOOLS,
WITH THE AVERAGE ATTENDANCE

	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡	1940†	1940‡
Number registered . .	81	67	57	95	64	101	71	68	66	79
Average attendance .	37	43	38	53	28	60	35	47	40	53

NUMBER OF PUPILS REGISTERED IN THE EVENING INDUSTRIAL
SCHOOL, WITH THE AVERAGE ATTENDANCE

	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡	1940†	1940‡
Number registered . .	753	700	318	884	672	966	578	862	587	635
Average attendance .	322	441	241	592	386	615	361	525	365	452

NUMBER OF PUPILS REGISTERED IN THE EVENING HIGH SCHOOL,
WITH THE AVERAGE ATTENDANCE

	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡	1940†	1940‡
Number registered . .	1,343	1,472	1,495	1,595	1,595	1,554	1,604	1,384	1,481	941
Average attendance .	360	797	434	873	418	713	398	622	309	504

NUMBER OF PUPILS REGISTERED IN THE EVENING ELEMENTARY
SCHOOLS, WITH THE AVERAGE ATTENDANCE

	1936†	1936‡	1937†	1937‡	1938†	1938‡	1939†	1939‡	1940†	1940‡
Number registered . .	363	476	413	442	478	460	344	481	570	326
Average attendance .	154	242	220	262	294	253	220	223	187	167

† January through March.

‡ October through December.

ATTENDANCE AT THE EVENING SCHOOLS, 1940*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	572	15	587	476	365	77
Architectural and Mechanical Drawing	44	...	44	37	30	81
Freehand Drawing	21	1	22	15	11	73
Evening High School	509	972	1,481	501	309	61
General Elementary School . . .	243	327	570	274	187	68
Total	1,389	1,315	2,704	1,303	902	69

* January through March.

COST OF THE EVENING SCHOOLS, 1940*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$2,963 00	\$154 00	\$399 45	\$3,516 45
Rindge Industrial	3,315 00	206 00	165 10	3,686 10
Drawing Classes	369 00	22 00	.....	391 00
Elementary Evening	909 00	77 00	10 24	996 24
Americanization Classes	1,266 00	.....	2 50	1,268 50
Total	\$8,822 00	\$459 00	\$577 29	\$9,858 29

* January through March.

ATTENDANCE AT THE EVENING SCHOOLS, 1940*

SCHOOLS	NUMBER REGISTERED			Average Number Belonging	Average Attend- ance	Per Cent of Attend- ance
	Males	Females	Total			
Rindge Industrial Classes	625	10	635	587	452	77
Architectural and Mechanical Drawing	78	1	79	62	53	85
Evening High School	282	659	941	730	504	69
General Elementary School . . .	119	207	326	222	167	75
Total	1,104	877	1,981	1,601	1,176	73

* November through December.

COST OF THE EVENING SCHOOLS, 1940*

SCHOOLS	Salaries of Teachers	Cost of Janitor Service	Cost of Textbooks and Supplies	Total
Evening High School	\$1,310 00	\$137 50	\$6 45	\$1,453 95
Rindge Industrial	1,266 78	90 00	66 60	1,423 38
Drawing Classes	139 50	9 00	36 00	184 50
General Elementary School	399 50	68 50	17 44	485 44
Americanization Classes	863 00	.....	24 21	887 21
Total	\$3,978 78	305 00	\$150 70	\$4,434 48

* November through December.

NUMBER OF ASSISTANT TEACHERS IN THE EVENING SCHOOLS, 1940*

SCHOOLS	AVERAGE NUMBER OF ASSISTANT TEACHERS			
	1939*	1939†	1940*	1940†
Rindge Industrial Classes	36	31	32	26
Rindge Mechanical and Architectural Drawing Classes	2	3	3	3
Freehand Drawing Classes	1	1	1	0
Evening High School	39	40	39	31
General Elementary School	14	16	15	12
Total	92	91	90	72

NUMBER OF GRADUATES IN THE EVENING SCHOOLS, 1940*

SCHOOLS	NUMBER OF GRADUATES	
	1939	1940
Rindge Industrial Classes	92	74
Mechanical Drawing Class	2	4
Freehand Drawing Class	0	0
Evening High School	64	50
General Elementary School	10	9
Total	168	137

* January through March.
† November through December.

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1940*
(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	116	33	19	58

* January through March.

ATTENDANCE AT THE INDUSTRIAL CLASSES, 1940†
(For women in the elementary schools)

SCHOOLS	Number Registered	Average Number Belonging	Average Attendance	Per Cent of Attendance
General Elementary School	60	43	30	69

† November through December.

BUILDINGS USED FOR EVENING SCHOOL PURPOSES

SCHOOLS	CLASSES
Rindge School:	
a. Industrial Classes	Woodwork, ironwork, printing, mechanical drawing, architectural drawing, electricity, estimating, gas engine, aeronautics and auto repair work.
b. Drawing Classes	Freehand drawing.
High School	Academic, commercial.
General Elementary at High School	Grammar school work, Americanization, sewing.

STATISTICS FOR CONTINUATION SCHOOL

Girls

Number enrolled to January 1	54
Number returned to regular schools	2
Number discharged by reaching sixteenth birthday to January 1	33
Number discharged to other towns to January 1	1
Number of full-time pupils on January 1	0

Number of Girls in Each Grade, Enrolled to January 1

Grade 5	1
Grade 6	3
Grade 7	4
Grade 8	18
High School	28
Average grade of total enrollment for 1940	8.2

Boys

Number enrolled to January 1	11
Number returned to regular schools	1
Number discharged by reaching sixteenth birthday to January 1	5
Number discharged to other towns to January 1	1
Number of full-time pupils on January 1	4

Number of Boys in Each Grade, Enrolled to January 1

Grade 6	2
Grade 7	3
Grade 8	4
High School	2
Average grade of total enrollment for 1940	7.5

SIGHT AND HEARING TESTS

	1937	1938	1939	1940
Number enrolled	15,622	15,183	14,932	14,731
Number defective in sight	1,641	1,395	1,316	1,152
Number defective in hearing	357	424	311	293
Number of parents notified	1,678	1,459	1,284	1,274

SUMMARY OF THE REPORTS OF THE SUPERVISORS OF ATTENDANCE,
SEPTEMBER, 1939, TO SEPTEMBER, 1940

Number of absences investigated.....	17,094
Truancy, first offence.....	610
Truancy, third offence.....	213
Children found wandering about the streets not belonging to any school...	23
Such children sent to school.....	22
Visits to mercantile and manufacturing establishments.....	99
Children employed without certificates.....	1

CONTAGIOUS DISEASES REPORTED TO THE SCHOOLS
JANUARY 1, 1940, TO JANUARY 1, 1941

Lobar pneumonia.....	174
Chicken pox.....	1,025
Diphtheria.....	4
Measles.....	135
Mumps.....	543
Scarlet fever.....	150
Whooping cough.....	233
German measles.....	12
Infantile paralysis.....	0
Cerebrospinal meningitis.....	2
Septic sore throat.....	23
Typhoid fever.....	6
Total.....	2,307

STATISTICS OF THE PRIVATE AND PAROCHIAL SCHOOLS TAKEN BY THE
SUPERVISORS OF ATTENDANCE, OCTOBER 1, 1940

Eleven Parochial Schools, with an enrollment of.....	6,370
Five Private Schools, with an enrollment of.....	454
Total.....	6,824

TEACHERS AND OFFICIALS PENSIONED BY THE CITY

Teacher, Elementary School.....	Mary P. Blair
Teacher, Elementary School.....	Sarah J. Gunnison
Teacher, Elementary School.....	Anastasia R. Peters
Janitor.....	J. E. Arthur Plant
Janitor.....	Michael F. Reid
Janitor.....	Thomas F. Mahoney

SALARY SCHEDULE

Cambridge High and Latin and Technical Schools

	Minimum	Increase per Year	Number of Years	Maximum
Headmasters	\$4,100	\$200	3	\$4,700
Assistant Headmasters	3,650	150	3	4,100
Masters	2,850	150	6	3,750
Teachers (men)	1,850	150	7	2,900
Teachers (women)	1,534	120	6	2,254
*Deans . . . . .	.....	...	...	.....
†Headmasters' Assistants . . . . .	.....	...	...	.....
‡Masters' Assistants . . . . .	.....	...	...	.....
Permanent Substitutes (men)	1,536	...	...	.....
Permanent Substitutes (women)	1,248	...	...	.....

Elementary Schools

Masters	\$2,950	\$150	6	\$3,850
Submasters	1,800	100	7	2,500
Masters' Assistant	1,908	100	2	2,108
Teachers, 8th Grade	1,338	100	6	1,938
Teachers	1,278	96	6	1,854
Principals, 9 rooms	2,176	120	2	2,416
Principals, 8 rooms or less	2,052	100	2	2,252

Kindergartens

Teachers	\$1,226	\$84	6	\$1,730
Assistant Teachers	1,190	84	5	1,610

Music and Art

Director	\$2,950	\$150	6	\$3,850
Assistant Director	2,252	150	6	3,152
Assistants	1,800	100	6	2,400
Teachers	1,362	96	6	1,936

Sewing

Teachers High	\$1,534	\$120	6	\$2,254
Teachers Elementary	1,262	96	6	1,838

* Deans are paid \$360 in addition to their regular teachers' salary.

† Headmasters' Assistants are paid \$360 in addition to their regular teachers' salary.

‡ Masters' Assistants are paid \$200 in addition to their regular teachers' salary.

SALARY SCHEDULE — Concluded

Physical Education

	Minimum	Increase per Year	Number of Years	Maximum
Director.....	\$2,950	\$150	6	\$3,850
Assistant Director (men).....	2,252	150	6	3,152
Assistant Director (women).....	1,800	100	6	2,400
Teachers.....	1,362	96	6	1,938

Cooking

Teachers.....	\$1,274	\$96	6	\$1,850
---------------	---------	------	---	---------

Prevocational

Teachers (women).....	\$1,446	\$100	6	\$2,046
Teachers (men).....	1,600	150	5	2,350

Special Classes

Principal (Open Air).....	\$2,000	\$100	3	\$2,300
Teachers	1,394	100	6	1,994

Continuation and Vocational School

Teachers (men).....	\$1,600	\$150	5	\$2,350
Teachers (women).....	1,450	100	6	2,050

Supervisors of Attendance

Each.....	\$1,800	\$150 per year for the first three years; \$50 fourth year	4	\$2,300
-----------	---------	--	---	---------

NOTE. — Teachers entering the service of the Cambridge Public Schools for the first time, with outside experience, shall be given credit on the salary schedule by the following rule:

Three years of experience outside of the city will be considered as equivalent to one year of experience in the city, but in no case shall a teacher be credited with more than five years of experience.

EVENING SCHOOLS
Evening High School

Per Evening

<i>Masters:</i> Minimum.....	\$6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 00
To teachers during the first year of service in evening schools.	
Maximum.....	4 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Secretary</i>	3 00
<i>Clerk</i>	2 00

Rindge Evening Industrial School

<i>Master:</i> Minimum.....	6 00
Maximum.....	7 00
<i>Teachers:</i> Minimum.....	3 50
Maximum.....	4 50
<i>Secretary</i>	3 00

Elementary Schools

<i>Principals</i>	5 00
<i>Teachers:</i> Minimum.....	2 50
To teachers during the first year of service in evening schools.	
Maximum.....	3 00
To teachers of five or more years' experience in day schools; to teachers of less than five years' experience in day schools after one year of service in evening schools, and to teachers without day school experience after two years of service in evening schools.	
<i>Clerks</i>	2 00

SCHOOL CALENDAR

1940-1941

The first term — From September 9 to December 20.

The second term — From January 2 to February 21.

The third term — From March 3 to April 25.

The fourth term — From May 5 to June 25.

1941-1942

The first term — From September 8 to December 23.

SCHOOL HOLIDAYS

Columbus Day; Armistice Day; Thanksgiving Day, with the day preceding and the day following; Washington's Birthday; Good Friday; Patriots' Day; Memorial Day; and the Seventeenth of June. If one of these holidays falls on Sunday, the schools are closed on the day following.

EVENING SCHOOLS

There are two terms of the evening schools. The first term begins on the second Tuesday of October and closes one week previous to the closing of the day schools for the Christmas holidays. The second term begins on the first Tuesday of January, except when that day falls on New Year's Day, in which case it begins on the Thursday following New Year's Day, and continues for at least twenty-five evenings. Vacations and holidays are the same as in the day schools.

INDEX

For Departmental Reports, see page IV of Index

CITY AUDITOR'S REPORT

	<i>Page</i>
Analyses Appropriation Accounts	48-55 and Insert
Balance Sheet	34-40
Charts	46-47
Debt	56-59, 66
Summary Receipts and Expenditures	41-45

Receipts:

Agency	68
Aid to Dependent Children	64
Baths	66
Boston and Cambridge Bridges	64
Building	63
Cemetery	66
City Clerk	63
Construction Loans	69
Electrical	63
Engineering	63
Executive	62
Federal Grants (PWA)	69
Fines	62
Fire	63
Grants and Gifts	62
Guarantee Deposits	67
Health	63
Hospital	64
Industrial Commission	66
Infirmity	64
Interest	66
Law	63
Library	65
Licenses	61
Miscellaneous	67
Old Age Assistance	64
Outside Aid	64
Park	65
Pensions	65
Permits	61
Police	63
Premiums	66
Refunds	67, 68, 70

<i>Receipts (Concluded)</i>	<i>Page</i>
Revenue Loans	66
School	65
Sealer	63
Sewer	64
Sewer Assessments	69
Sidewalk Assessments	69
Soldiers' Benefits	64
Street	64
Street Construction	69
Taxes	60
Treasury	62
Trust Funds	66, 67
Water	68
 <i>Payments</i>	
Administration of Sinking Funds	72
Agency	107
Aid to Dependent Children	86
Annual Documents	101
Assessing	72
Auditing	71
Baths	90-91
Board of Appeal	99
Boston and Cambridge Bridges	84
Budget Examiner	71
Building Construction	111
Celebrations	101
Cemetery	101
City Clerk	73
City Council	70
City Infirmary	86
City Messenger	73
City Physician	86
Clerk of Committees	70
Custodian, Foreclosed Property	100
Damages	92-99
Debt	103-104
Election Commission	74
Electrical	77
Electrical Underground Construction	111
Employment	99
Engineering	74
Executive	70
Federal Assessment Surplus Commodities Division	100
Fire	77
Forestry	79

<i>Payments (Concluded)</i>	<i>Page</i>
Guarantee Deposits	106
Health	79-82
Hospital	84
Inspection of Animals	81
Inspection of Buildings	75
Law	74
Library	88
License Commission	73
Modernization of Building Law and Zoning Act	100
Municipal Buildings	75
Old Age Assistance	86
Outside Aid	85
Park	89, 92
Pensions	87
Playground	92
Pole and Conduit Commission	73
Police	76
Premiums	104
Purchasing	100
PWA Projects	128A
Refunds	105, 128B
Retirement	99
Revision of City Ordinances	100
Rifle Range	101
School	88
Sealer	78
Sewer Construction	112
Sewer Maintenance	81
Sidewalk Construction	128
Soldiers' Benefits	87
State, County Tax, etc.	104
Street	82-84
Street Construction	112
Street Equipment	111
Street Lighting	78
Telephone Exchange	99
Treasury	71
Trust Funds	104, 106
Trust Fund Tables	128C-128N
Veterans' Headquarters	100, 101
Water	108-111
WPA Projects	102
Youth Commission	100

DEPARTMENTAL REPORTS

	<i>Page</i>
Assessors	189
Board of Appeal	269
Bridge Commissioner	202
City Auditor	33
City Engineer	192
City Hospital Trustees	285
City Missionary	258
City Ordinances	315
City Treasurer	129
Commissioners of Sinking Funds	163
Electrical Department	263
Fire Department	247
Municipal Register	5
City Council Chamber, Diagram	9
City Council Chamber, Key	9
City Government	10
Departments and Boards	11
Legal Holidays	8
Mayors of Cambridge	5
Presidents of Board of Aldermen	6
Presidents of City Council	6
Presidents of Common Council	7
Park Commissioners	212
General Superintendent of Parks	213
Superintendent of Recreation	222
Planning Board	268
Police Department	229
Public Welfare	271
City Physician	275
Superintendent of City Home	277
Retirement Board	171
Sealer of Weights and Measures	244
Superintendent of Buildings	259
Superintendent of Cemeteries	242
Superintendent of Streets	203

APPENDICES

I. REPORT OF ELECTION COMMISSIONERS

Enrollment	62
Police Listing	60
State Election	48
State Primaries	2

APPENDICES (*Concluded*)

	<i>Page</i>
II. REPORT OF WATER BOARD	
Financial Statement.....	41
Past Members.....	3
Present Members.....	2
Report of Board.....	5
Report of General Superintendent.....	10
Summary of Statistics.....	17
III. REPORT OF BOARD OF HEALTH	
Bacteriologist and Inspector of Milk.....	59
Child Welfare — Pre-School Clinic.....	45
Communicable Disease (Control) Nurses.....	38
Dangerous Diseases.....	37
Dental Clinics.....	52
Expenditures.....	8
Housing Inspection.....	62
Infant Welfare.....	42
Inspection of Food, etc.....	60
Nuisances Abated, etc.....	62
Organization.....	3
Report of Board.....	5
Schick Clinics.....	39
School Medical Inspection.....	45
Social Worker.....	58
Tuberculosis Statistics.....	52
Vital Statistics.....	12
IV. REPORT OF PUBLIC LIBRARY	
Circulation.....	11
Members of Board.....	2
Report of Librarian.....	6
Report of Trustees.....	5
Statistics.....	9
V. REPORT OF SCHOOL COMMITTEE	
In Memoriam.....	4
Members of Committee.....	2
Officers of the School Committee.....	3
Report of Headmaster of the High and Latin School.....	9
Report of Superintendent.....	5
Statistics.....	12

7929 11

167



